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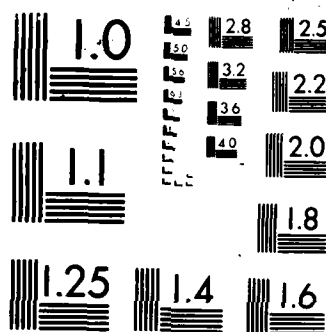
STATION CLIMATIC SUMMARIES LATIN AMERICA ADDENDUM 1(U)  
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER  
SCOTT AFB IL FEB 87 USAFETAC/DS-87/032-1

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AD-A177 803



# STATION CLIMATIC SUMMARIES

LATIN AMERICA

ADDENDUM 1

FEBRUARY 1987



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# REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-86/032-1, *Station Climatic Summaries, Latin America, Addendum 1*, February 1987, is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

  
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Chief, Readiness Support Section

FOR THE COMMANDER

  
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Scientific and Technical Information Officer  
(STINFO)

3 February 1987

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## SUMMARY

The "Station Climatic Summary" series (formerly known as the "AWS Climatic Briefs"), is assembled and published by the USAF Environmental Technical Applications Center (USAFETAC). The series comprises regional collections of short climatological data summaries for specific stations worldwide. A typical data set for a given station might consist of an "AWS Climatic Brief" (a one-page form prepared by USAFETAC/OL-A, sometimes with a one-page addendum) or an "AWS Climatic Brief for Limited Duty Stations" (another one-page form, also prepared by USAFETAC/OL-A). An "Operational Climatic Data Summary," normally four pages of climatic data prepared by USAFETAC/ECR, might constitute another data set for certain stations. A two-page "Operational Climatic Data Summary Supplement," also prepared by USAFETAC/ECR, may supplement an AWS Climatic Brief or an "AWS Climatic Brief for Limited Duty Stations." The data types are explained below. See AWSR 105-10 and USAFETAC Pamphlet 105-3 for more detailed descriptions.

**AWS Climatic Brief:** A computer-prepared summary of monthly and annual climatic data for stations with a 24-hour, 7-day observing function. OL-A creates a new "brief" whenever it prepares a new RUSSWO (Revised Uniform Summary of Surface Observations) or updates an existing one. New RUSSWOs are prepared whenever an initial 5-year period of record becomes available, and existing RUSSWOs are updated whenever 5 additional years of data are added to the original database.

**AWS Climatic Brief for Limited Duty Stations:** Also computer-prepared by OL-A for stations that do not have 24-hour, 7-day observing functions. This product differs from the first in that it is prepared along with (and using data from) a LISOCs (Limited Surface Observation Climatic Summary), rather than from a RUSSWO. Like RUSSWOs and their "briefs," new LISOCs (and accompanying "briefs") are prepared whenever there is a 5-year period of record; both are updated when a new 10-year period of record becomes available. But because they are for "limited observing" stations, data is taken only from actual hours of operation. The data might be supplemented, however, by data from other sources (such as earlier periods of record, data from nearby stations, or published data from other sources) that have been combined by a climatologist. "All hours" data are not available in these briefs.

**Operational Climatic Data Summary:** A four-page typewritten summary of monthly and annual climatic data prepared by USAFETAC/ECR when the creation of a standard "climatic brief" is impractical because of lack of data (period of record too short for RUSSWO creation, no "summary of day" data available) or to answer a short-notice request. ECR normally uses the latest 10-year period of record (hourly data), more if available. These data are supplemented from other sources such as earlier periods of record, data from contemporary and/or earlier stations, and published data from other sources. All sources are given in the legend. A two-page "Operational Climatic Data Summary Supplement" may follow either of the two preceding data types.

Normally, only one of the three main products above is prepared for a given station; however, when a station has both an "AWS Climatic Brief" and an "Operational Climatic Data Summary," users should decide (from data source and POR) which is the better product for a particular application.

All the above data sets normally include monthly and annual climatic data for at least the following elements: Temperature (means and extremes, daily and monthly); relative humidity, vapor pressure, and dew point; pressure altitude, surface winds, precipitation, and mean cloud cover; thunderstorm and fog occurrence (mean number of days); and flying weather by ceiling and visibility categories.

Address questions or comments to USAFETAC/ECR, Scott AFB, IL 62225-5438, Autovon 576-3465.

Regional collections of climatic summaries are published as USAFETAC "data summaries"--numbered as shown below--for each of eight major geographical areas. Each collection is revised when and as required. When a revision is issued, the "DS" end number remains the same (i.e., North America is 031, Latin America is 032, Europe is 033, and so on); only the year of issue changes. The map shows regional boundaries corresponding to each numbered volume.

USAFETAC/DS-XX/031 North America

USAFETAC/DS-XX/035 Asia

USAFETAC/DS-XX/032 Latin America

USAFETAC/DS-XX/036 Peoples Republic of China\*

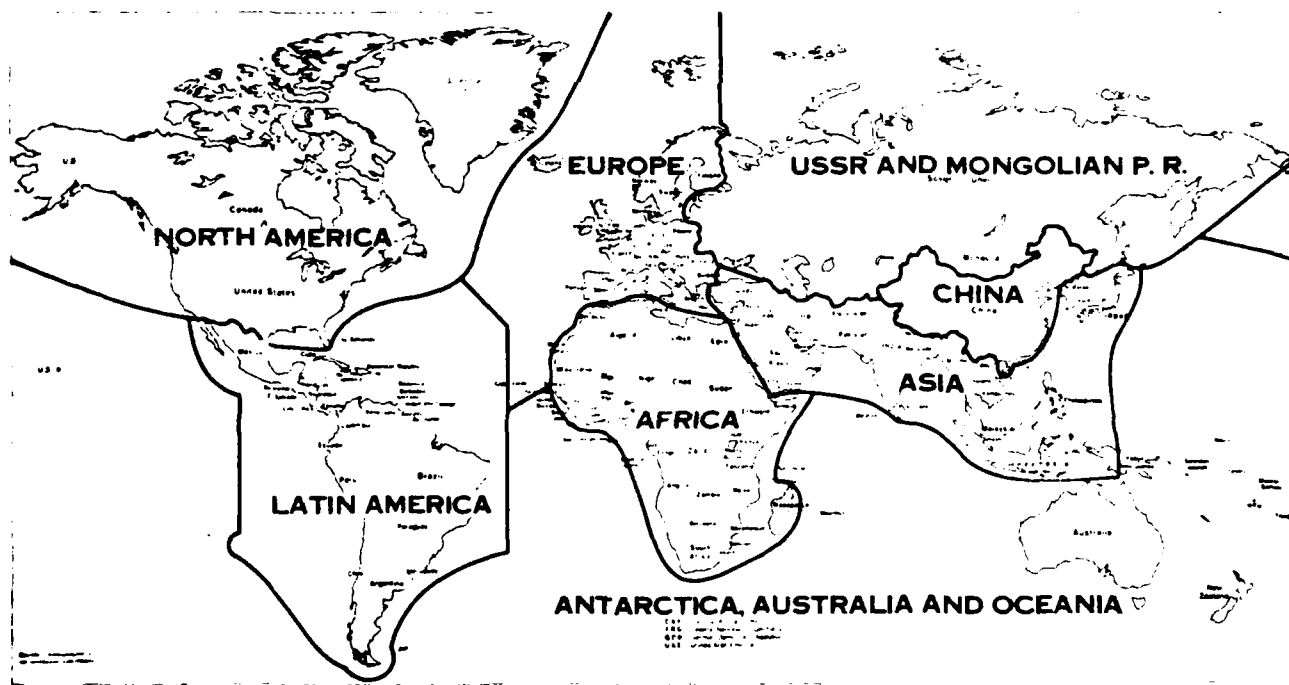
USAFETAC/DS-XX/033 Europe

USAFETAC/DS-XX/037 USSR and Mongolian  
Peoples Republic

USAFETAC/DS-XX/034 Africa

USAFETAC/DS-XX/038 Antarctica, Australia, and Oceania

\*Initial publication deferred--to be announced



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# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: REINA BEATRIX INTL, ARUBA  
 LOCATION: 12°30'N, 70°01'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 789820  
 ELEVATION (FEET): 59  
 PERIOD: VARIED

ICAO ID: MACA  
 LST = GMT -4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	85	86	86	87	88	88	88	89	89	89	87	85	87
MEAN 1	80	81	81	82	83	83	83	84	84	84	83	81	82
MEAN DLY MIN 1	76	77	77	78	79	80	79	80	80	80	79	77	79
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90 1	#	1	3	3	12	14	13	19	22	19	9	1	116
# DAYS ≥ 32 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≤ 0 1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES) FROM ORANJESTAD, ARUBA (APPROXIMATELY 3 MI NW)													
MAXIMUM 2	2.5	2.4	.7	2.1	4.5	1.9	2.9	2.6	5.3	9.5	15.9	8.8	29.7
MEAN 2	1.7	.7	.4	.4	.6	.4	.7	.5	1.4	2.8	5.2	3.7	18.5
MINIMUM 2	.2	0	0	0	0	0	0	0	0	.5	.8	.5	5.2
MAX 24 HR 2	1.1	1.3	.4	1.8	4.3	1.6	2.3	1.4	3.7	3.1	5.7	1.6	5.7
# DAYS > 0.01 2	8	5	2	1	2	2	4	3	4	7	12	12	62
# DAYS ≥ 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 1.5 1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (06 LST) 1	83	82	80	82	82	82	83	82	83	85	85	83	83
RH (13 LST) 1	64	62	61	63	63	64	65	63	64	65	66	67	64
VAPOR PRESS 1	.78	.78	.79	.82	.86	.87	.86	.87	.89	.89	.87	.81	.84
DEWPOINT 1	71	71	71	72	74	74	74	74	75	75	74	72	73
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	E	E	E	E	E	E	E	E	E	E	E	E	E
MEAN SPEED (PVLG DRCTN) 1	14	15	16	15	16	17	16	16	15	13	13	13	15
MEAN SPEED (ALL OBS) 1	14	15	16	15	16	17	16	16	14	13	12	13	15
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	200	250	300	250	250	300	300	250	250	250	250	250	300
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	3	3	3	4	4	4	4	4	4	4	4	3	4
DAYS TSMS 1	#	#	#	#	1	1	1	2	3	4	2	1	15
DAYS FOG < 7 1	#	0	0	0	0	0	0	0	0	0	#	0	#
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 φ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412  
 2. NATIONAL INTELLIGENCE SURVEY 9-10 YRS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	2	4	3	3	2	3	2	5	5	3	3
03-05 LST	4	2	2	3	5	3	3	3	2	3	4	2	3
06-08 LST	4	4	2	4	3	3	3	2	1	3	4	5	3
09-11 LST	6	6	5	8	7	8	6	6	5	4	6	5	6
12-14 LST	8	7	5	9	8	9	9	9	6	8	9	9	8
15-17 LST	5	5	4	5	5	3	3	4	1	3	4	5	4
18-20 LST	2	1	1	2	#	1	1	#	#	1	#	4	1
21-23 LST	3	1	1	3	1	1	1	1	#	#	2	3	1
ALL HOURS	4	3	3	5	4	4	4	4	2	3	4	5	4

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	1	1	#	0	1	1	2	2	2	1
03-05 LST	2	2	1	0	1	1	1	2	2	2	3	2	2
06-08 LST	2	1	#	2	2	1	1	1	1	2	2	3	2
09-11 LST	2	1	#	1	1	1	1	1	2	1	3	2	1
12-14 LST	2	1	#	1	1	2	2	1	1	1	2	3	1
15-17 LST	1	#	1	2	#	#	#	#	#	1	1	2	1
18-20 LST	1	#	#	#	#	#	#	#	0	#	#	2	#
21-23 LST	1	0	1	#	0	#	0	#	#	0	1	1	#
ALL HOURS	2	1	#	1	1	1	1	1	1	1	2	2	1

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	0	0	0	1	0	#	1	#	#
03-05 LST	0	0	0	0	1	0	0	#	#	0	1	0	#
06-08 LST	1	#	0	1	#	0	0	0	#	#	1	1	#
09-11 LST	#	#	0	#	#	#	0	#	#	0	1	#	#
12-14 LST	#	#	0	#	#	#	#	#	#	0	#	1	#
15-17 LST	#	#	#	#	0	0	#	#	#	#	#	1	#
18-20 LST	#	0	#	0	0	#	#	0	0	0	0	#	#
21-23 LST	#	0	0	0	0	0	0	#	0	0	#	#	#
ALL HOURS	#	0	#	#	#	#	#	#	#	#	1	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	#	0	#	#	0	#
03-05 LST	0	0	0	#	#	0	0	0	#	0	#	0	#
06-08 LST	0	0	0	#	0	0	0	0	0	0	0	#	#
09-11 LST	0	0	0	#	0	0	0	0	#	0	0	0	#
12-14 LST	0	#	0	0	0	#	0	0	#	0	0	0	#
15-17 LST	0	0	0	0	0	0	0	#	0	#	0	0	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	#	#
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	#
ALL HOURS	0	#	0	#	#	#	0	#	#	#	#	#	#

ECR-CLT17

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: REINA BEATRIX INTL, ARUBA  
 LOCATION: 12°30'N, 70°01'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 789820  
 ELEVATION (FEET): 59  
 PERIOD: 7301-8412

ICAO ID: MACA  
 LST = GMT -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	#	0	1	1	#	0	#
03-05 LST	#	0	0	0	#	#	0	1	#	1	#	0	#
06-08 LST	0	#	#	#	#	0	0	#	#	1	1	0	#
09-11 LST	#	0	#	#	#	0	1	#	1	1	1	#	#
12-14 LST	0	0	0	0	0	0	#	#	1	2	1	0	#
15-17 LST	0	0	0	0	#	#	0	0	#	#	#	0	#
18-20 LST	0	#	#	0	0	#	#	0	#	#	0	0	#
21-23 LST	0	0	0	0	#	#	0	0	1	1	1	0	#
ALL HOURS	#	#	#	#	#	#	#	#	1	1	1	#	#

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	2	3	2	2	2	3	4	8	3	3
03-05 LST	4	2	2	#	3	2	3	4	3	6	6	3	3
06-08 LST	4	3	3	2	4	2	2	2	3	4	5	4	3
09-11 LST	2	2	2	2	1	3	2	2	2	2	5	1	2
12-14 LST	2	1	1	2	2	4	3	3	2	3	4	2	2
15-17 LST	3	2	1	2	1	1	1	1	1	2	2	1	2
18-20 LST	2	1	1	1	1	#	#	#	1	#	1	1	1
21-23 LST	4	1	1	3	1	1	1	#	1	1	3	1	2
ALL HOURS	3	2	2	2	2	2	2	2	2	3	4	2	2

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	#	0	#	0	#	0	0	#	#	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	#	0	#	0	0	#	#	0	#
09-11 LST	1	#	1	#	1	#	#	#	#	#	0	1	#
12-14 LST	1	2	2	1	1	2	1	2	#	#	1	#	1
15-17 LST	1	1	1	1	1	1	1	1	0	#	#	#	1
18-20 LST	#	#	#	#	#	#	1	1	#	0	#	#	#
21-23 LST	1	#	#	0	#	#	#	0	1	#	0	#	#
ALL HOURS	1	1	1	#	#	#	#	1	#	#	#	#	#

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ϕ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	0	0	0	1	0	#	1	#	#
03-05 LST	0	0	0	0	1	0	0	#	#	0	#	0	#
06-08 LST	#	#	0	#	#	0	0	0	#	#	1	#	#
09-11 LST	0	#	0	#	#	#	0	#	#	0	1	#	#
12-14 LST	#	#	0	0	#	#	#	#	#	0	#	1	#
15-17 LST	#	#	0	#	0	0	#	#	#	#	#	1	#
18-20 LST	0	0	0	0	0	#	#	0	0	0	0	#	#
21-23 LST	#	0	0	0	0	0	0	#	0	0	#	#	#
ALL HOURS	#	#	0	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	1	0	#	#	0	#
03-05 LST	0	0	0	0	1	0	0	#	#	0	#	0	#
06-08 LST	#	0	0	#	#	0	0	0	#	0	1	#	#
09-11 LST	0	#	0	#	#	#	0	#	#	0	#	#	#
12-14 LST	#	#	0	0	0	#	#	#	#	0	#	#	#
15-17 LST	#	0	0	#	0	0	#	#	0	#	#	1	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	#	#
21-23 LST	#	0	0	0	0	0	0	#	0	0	#	#	#
ALL HOURS	#	#	0	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	1	0	#	#	0	#
03-05 LST	0	0	0	0	1	0	0	#	#	0	#	0	#
06-08 LST	0	0	0	#	#	0	0	0	#	0	1	#	#
09-11 LST	0	#	0	#	#	#	0	#	#	0	#	0	#
12-14 LST	#	#	0	0	0	#	#	#	#	0	#	#	#
15-17 LST	#	0	0	#	0	0	#	#	0	#	#	#	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	#	#	#
21-23 LST	#	0	0	0	0	0	0	#	0	0	#	#	#
ALL HOURS	#	#	0	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	#	0	0	#	0	#
03-05 LST	0	0	0	0	#	0	0	0	#	0	#	0	#
06-08 LST	0	0	0	#	0	0	0	0	0	0	0	#	#
09-11 LST	0	0	0	#	0	0	0	0	#	0	0	0	#
12-14 LST	0	0	0	0	0	#	0	0	#	0	0	0	#
15-17 LST	0	0	0	0	0	0	0	#	0	#	0	0	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	#	#	#	0	#	#	#	#	#	#

ECR-CLT17a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BELIZE CITY, BELIZE  
 LOCATION: 17°32'N, 088°18'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 785830  
 ELEVATION (FEET): 16  
 PERIOD: VARIED

ICAO ID: MZBZ  
 LST = GMT: -6

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	90	93	98	99	97	97	95	96	97	95	95	93	99
MEAN DLY MAX	2	82	83	85	87	88	88	88	88	89	86	84	82	86
MEAN	2	75	76	79	81	82	82	82	82	82	80	77	75	79
MEAN DLY MIN	2	68	69	72	74	75	76	76	76	75	73	69	68	73
EXTREME MIN	2	50	49	50	55	57	62	63	61	60	58	52	46	46
# DAYS > 90	2	#	#	3	8	12	11	9	14	12	6	1	#	75
# DAYS ≥ 32	3	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	2	9.0	7.9	4.2	8.5	10.7	22.3	26.3	15.5	21.3	26.9	25.7	16.1	109.9
MEAN	2	5.7	2.7	1.6	2.4	5.0	9.1	7.6	7.3	9.5	2.4	9.8	7.2	80.3
MINIMUM	2	.8	0	0	0	.1	2.3	1.9	2.2	4.1	1.7	1.9	.7	40.8
MAX 24 HR	2	4.2	2.9	2.8	7.8	6.6	16.6	10.6	6.2	8.2	7.7	9.8	4.8	16.6
# DAYS > 0.01	2	12	6	4	4	7	14	18	16	18	15	13	14	140
# DAYS ≥ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	3	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	3	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	3	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 1.5	3	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	95	95	92	90	90	91	92	93	95	95	95	95	93
RH (12 LST)	1	71	72	69	67	66	74	72	72	75	74	70	73	72
VAPOR PRESS	1	.72	.76	.79	.84	.89	.92	.91	.92	.92	.88	.79	.76	.85
DEWPOINT	1	69	70	71	73	75	76	76	76	76	75	71	70	73
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$E	E	E	E	E	E	E	E	\$E	\$E	\$E	\$E	E
MEAN SPEED														
(PVLG DRCTN)	1	7	8	8	9	9	9	9	8	7	7	7	7	8
MEAN SPEED														
(ALL OBS)	1	5	6	7	7	7	7	7	6	5	5	5	5	6
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	150	200	250	200	200	200	150	200	150	150	150	100	250
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	5	6	5	5	6	5	5	5	5
DAYS TSTMS	1	1	#	1	1	4	8	8	8	10	5	2	2	50
DAYS FOG < 7	1	4	2	1	1	1	1	1	2	1	3	3	3	23
DAYS BNBD < 7	1	0	0	#	0	#	#	#	0	0	0	0	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ = % CALM > PVLG DRCTN  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY 6-70 YEARS  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY 3-42 YEARS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	12	10	20	15	28	22	14	23	19	15	19	18
03-05 LST	25	20	10	21	15	29	20	16	22	27	17	25	21
06-08 LST	35	29	28	30	27	27	22	21	25	37	30	32	29
09-11 LST	39	42	48	53	48	44	38	48	44	47	38	38	44
12-14 LST	30	30	32	32	30	37	28	28	28	32	27	30	30
15-17 LST	16	14	18	18	18	24	17	13	10	14	10	15	16
18-20 LST	11	9	15	13	14	21	15	8	8	11	9	18	13
21-23 LST	16	8	12	13	20	22	9	19	9	15	9	16	14
ALL HOURS	24	15	22	25	23	29	22	21	21	25	19	24	23

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	4	7	4	7	7	4	10	12	8	13	7
03-05 LST	19	7	1	3	6	14	11	6	7	16	12	15	10
06-08 LST	21	14	6	7	4	11	8	8	14	25	19	20	13
09-11 LST	11	10	4	5	1	6	6	5	5	13	12	13	8
12-14 LST	5	4	3	4	4	5	4	3	3	5	6	6	4
15-17 LST	5	3	2	3	3	5	3	1	1	6	3	3	3
18-20 LST	3	3	5	4	3	2	5	2	2	4	3	7	4
21-23 LST	8	3	2	2	5	5	3	3	1	9	6	7	5
ALL HOURS	10	6	3	4	4	7	6	4	5	11	9	11	7

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	1	1	3	1	1	2	4	5	8	3
03-05 LST	15	3	1	3	1	5	2	4	2	12	9	11	6
06-08 LST	16	10	3	5	3	5	5	5	7	18	15	14	9
09-11 LST	8	6	2	2	1	2	2	2	3	6	4	8	4
12-14 LST	2	2	2	2	1	3	2	2	1	3	2	3	2
15-17 LST	2	1	1	2	1	1	2	1	1	3	1	2	2
18-20 LST	2	2	2	3	1	1	2	1	0	3	2	3	2
21-23 LST	2	1	0	1	2	1	1	2	0	5	4	4	2
ALL HOURS	6	3	2	2	1	3	2	2	2	7	5	7	3

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	1	0	0	0	3	0	0	#
03-05 LST	8	2	0	1	0	2	0	2	1	1	2	3	2
06-08 LST	8	3	1	1	#	#	2	1	1	3	6	5	3
09-11 LST	1	1	0	0	0	0	0	0	#	0	#	1	#
12-14 LST	#	1	0	0	#	1	0	0	0	#	#	0	#
15-17 LST	#	0	#	0	0	0	0	0	#	#	#	0	#
18-20 LST	0	1	0	0	1	1	0	0	0	0	1	0	#
21-23 LST	1	0	0	0	0	0	1	0	0	2	0	1	#
ALL HOURS	2	1	#	#	#	1	#	#	#	1	1	1	1

ECR-CLT25

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BELIZE CITY, BELIZE  
LOCATION: 17°32'N, 088°18'W  
PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 785830  
ELEVATION (FEET): 16  
PERIOD: JAN 73 - DEC 85

ICAO ID: MZBZ  
LST = GMT: -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	0	7	2	6	5	12	3	0	3	3
03-05 LST	0	0	0	0	1	7	7	4	11	3	0	1	3
06-08 LST	#	0	0	0	1	5	4	4	7	2	1	1	2
09-11 LST	0	#	0	1	1	2	4	4	4	3	1	#	2
12-14 LST	#	0	#	1	1	4	3	3	4	2	1	#	2
15-17 LST	#	#	0	1	#	2	1	2	3	1	#	#	1
18-20 LST	1	0	0	1	1	2	3	3	1	1	1	0	1
21-23 LST	0	0	0	1	1	4	2	3	4	1	0	0	1
ALL HOURS	#	#	#	1	2	4	4	4	6	2	1	1	2

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	4	10	1	4	16	10	9	25	11	11	13	10
03-05 LST	11	7	6	3	5	20	11	7	21	14	5	11	9
06-08 LST	7	5	3	3	5	13	8	7	15	16	7	9	9
09-11 LST	6	8	4	3	4	12	9	7	7	9	8	8	7
12-14 LST	7	5	6	2	3	13	7	8	7	9	7	9	7
15-17 LST	7	6	3	2	1	9	7	3	4	8	5	4	5
18-20 LST	3	4	6	2	3	13	8	3	3	8	3	10	6
21-23 LST	3	2	7	2	5	10	7	8	10	9	6	9	7
ALL HOURS	7	5	6	2	4	3	8	7	12	11	7	9	8

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	1	0	1	0	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	#	0	0	#	#	#	0	0	0	0	#	#	#
09-11 LST	#	0	#	1	#	1	0	#	#	#	0	#	#
12-14 LST	#	#	#	#	0	#	#	0	#	0	#	#	#
15-17 LST	#	1	1	1	#	#	#	1	0	0	#	0	#
18-20 LST	0	0	0	0	0	0	1	0	0	0	0	0	#
21-23 LST	0	0	0	1	1	0	0	0	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☐ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7312-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	1	1	3	1	1	2	3	3	7	2
03-05 LST	13	2	0	3	1	3	1	4	2	8	7	10	4
06-08 LST	14	7	2	4	2	4	4	5	6	15	12	12	7
09-11 LST	6	4	2	2	#	2	1	1	2	5	4	6	3
12-14 LST	2	2	1	2	1	2	1	1	1	2	2	3	2
15-17 LST	2	#	#	2	1	1	1	#	#	2	1	1	1
18-20 LST	1	2	2	1	1	1	2	1	0	3	2	3	2
21-23 LST	2	1	0	1	2	0	1	1	0	4	3	3	2
ALL HOURS	5	2	1	2	1	2	2	2	2	5	4	6	3

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	0	1	3	0	1	1	3	3	5	2
03-05 LST	10	2	0	1	1	2	0	2	2	4	6	6	3
06-08 LST	12	5	2	3	2	3	3	4	3	12	10	9	7
09-11 LST	3	2	2	0	#	1	1	1	1	3	2	3	2
12-14 LST	1	1	1	#	#	1	1	1	1	1	2	1	1
15-17 LST	2	#	#	1	1	#	1	0	#	2	1	#	1
18-20 LST	0	2	1	1	1	1	2	1	0	1	2	1	1
21-23 LST	2	0	0	1	1	0	1	1	0	4	2	2	1
ALL HOURS	4	2	1	1	1	1	1	1	1	4	4	3	2

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	0	1	1	0	1	0	3	2	3	1
03-05 LST	8	2	0	1	0	2	0	2	1	3	3	5	2
06-08 LST	10	4	1	2	1	2	2	3	2	7	8	6	4
09-11 LST	2	2	1	0	0	#	0	1	1	1	1	1	1
12-14 LST	1	1	0	#	#	#	#	#	#	#	1	0	#
15-17 LST	1	0	#	0	1	#	#	0	#	1	1	0	#
18-20 LST	0	1	0	0	1	1	1	0	0	0	1	1	1
21-23 LST	1	0	0	1	1	0	1	1	0	3	0	2	1
ALL HOURS	3	1	#	1	1	1	1	1	1	2	2	2	1

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	0	0	0	0	0	0	#
03-05 LST	8	1	0	0	0	0	0	2	0	1	0	2	1
06-08 LST	6	2	1	#	0	0	1	1	0	5	3	3	2
09-11 LST	1	1	0	0	0	0	0	0	0	0	#	0	#
12-14 LST	#	#	0	0	0	#	0	0	0	0	0	0	#
15-17 LST	#	0	0	0	0	0	0	0	#	#	#	0	#
18-20 LST	0	1	0	0	0	0	0	0	0	0	1	0	#
21-23 LST	1	0	0	0	0	0	1	0	0	3	0	1	1
ALL HOURS	2	1	#	#	0	#	#	#	#	1	1	1	1

ECR-CLT25a



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: COCHABAMBA, BOLIVIA  
 LOCATION: 17°23'S, 066°10'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 852230  
 ELEVATION (FEET): 8360  
 PERIOD: VARIED

ICAO ID: SLCB  
 LST = GMT -4

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	96	87	86	88	84	86	85	86	89	92	90	92	96
MEAN DLY MAX	2	75	75	77	78	76	74	74	77	78	80	80	77	77
MEAN	2	64	64	64	63	57	51	54	58	61	65	66	65	61
MEAN DLY MIN	2	53	53	51	47	38	38	34	38	43	49	51	53	46
EXTREME MIN	2	45	38	36	30	23	20	23	22	26	31	41	34	20
# DAYS > 90	2	#	0	0	0	0	0	0	0	0	#	#	#	#
# DAYS < 32	2	0	0	0	#	3	11	10	3	#	#	0	0	27
# DAYS < 0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	5.5	5.1	1.6	.5	.5	.1	#	.2	.6	1.1	2.3	3.3	20.7
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	2	16	14	10	3	2	1	#	1	3	5	11	14	80
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	87	86	87	86	83	80	79	76	75	75	79	82	81
RH (15 LST)	1	47	47	46	35	27	25	25	27	29	30	33	40	34
VAPOR PRESS	1	.39	.40	.38	.33	.26	.22	.22	.24	.27	.30	.33	.37	.31
DEWPOINT	1	52	52	51	47	40	36	35	38	42	44	47	49	44
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$SE	\$SE	\$SE	\$SE	\$SE	\$SW	\$SW	\$N	\$N	\$N	\$SE	\$SE	\$SE
MEAN SPEED														
(PVLG DRCTN)	1	10	9	10	10	9	10	10	13	12	12	11	11	11
MEAN SPEED														
(ALL OBS)	1	2	2	2	1	1	1	1	2	3	3	3	3	2
MAX (PK GST)	1	35	35	45	40	35	35	40	60	45	45	50	45	60
PRESSURE ALT	1	8600	8600	8550	8550	8600	8500	8600	8550	8450	8550	8550	8550	8600
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	4	3	2	2	3	4	4	5	5	4
DAYS TSTMS	1	8	7	5	2	1	#	#	#	2	4	5	7	41
DAYS FOG < 7	1	1	#	1	1	1	1	#	#	1	1	1	1	9
DAYS BNBD < 7	1	0	0	0	0	0	0	0	1	1	1	0	0	3
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 ♂ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY 5-25 YEARS  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY 12 YEAR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	1	2	1	7	0	1	#	#	1	3	2
03-05 LST	4	6	3	#	0	7	1	#	1	1	1	3	2
06-08 LST	4	2	3	2	2	7	2	2	2	2	3	4	3
09-11 LST	3	1	2	1	1	6	#	#	1	#	1	1	1
12-14 LST	1	#	1	#	1	3	#	#	#	1	#	#	1
15-17 LST	1	1	1	1	1	1	0	1	1	1	#	1	1
18-20 LST	1	1	1	1	#	1	#	1	#	1	#	1	1
21-23 LST	2	3	#	#	1	5	1	#	1	1	1	1	1
ALL HOURS	2	2	2	1	1	5	1	1	1	1	1	2	2

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	1	1	7	0	1	0	#	1	1	1
03-05 LST	3	3	2	0	0	7	1	#	0	0	#	2	2
06-08 LST	4	2	2	2	1	7	2	2	2	2	2	3	3
09-11 LST	2	1	1	#	1	6	#	#	#	0	#	1	1
12-14 LST	1	#	1	#	#	3	#	#	#	1	#	#	1
15-17 LST	1	#	1	#	#	1	0	1	#	1	#	1	1
18-20 LST	1	1	#	#	#	1	#	#	#	#	#	1	1
21-23 LST	1	2	0	#	1	5	1	#	#	1	#	1	1
ALL HOURS	2	2	1	1	1	5	1	1	#	1	1	1	1

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	1	1	7	0	1	0	#	#	1	1
03-05 LST	2	3	1	0	0	7	0	#	0	0	#	2	1
06-08 LST	3	2	2	2	1	5	2	2	2	1	2	2	2
09-11 LST	2	#	1	#	1	5	#	#	#	0	#	1	1
12-14 LST	1	#	#	#	0	3	#	0	#	#	#	#	1
15-17 LST	1	#	#	#	#	1	0	1	#	#	#	1	1
18-20 LST	1	1	#	#	#	#	#	#	#	#	#	1	#
21-23 LST	1	1	0	0	1	4	1	#	#	1	#	#	1
ALL HOURS	2	1	1	1	1	4	1	1	#	#	#	1	1

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	0	1	0	5	0	1	0	0	0	0	1
03-05 LST	1	1	0	0	0	3	0	#	0	0	0	0	#
06-08 LST	1	#	#	1	#	2	1	1	1	#	#	#	1
09-11 LST	#	0	#	0	#	1	0	#	#	0	#	#	#
12-14 LST	#	#	0	#	0	0	0	0	0	0	0	0	#
15-17 LST	#	#	#	#	0	0	0	#	#	0	0	0	#
18-20 LST	#	#	#	0	#	0	#	0	0	#	0	0	#
21-23 LST	1	1	0	0	0	3	0	0	0	0	0	#	#
ALL HOURS	#	#	#	#	#	2	#	#	#	#	#	#	#

ECR-CLT22

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: COCHABAMBA, BOLIVIA  
LOCATION: 17°23'S, 066°10'W  
PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 852230  
ELEVATION (FEET): 8360  
PERIOD: 7301-8512

ICAO ID: SLCB  
LST = GMT -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	1	#	0	0	0	0	0	#	#	2	1
03-05 LST	2	1	1	0	0	0	0	0	0	1	1	3	1
06-08 LST	1	1	#	#	0	0	0	0	0	0	0	1	#
09-11 LST	#	#	#	#	0	#	0	0	#	#	#	#	#
12-14 LST	1	1	1	#	#	0	0	#	#	1	2	1	1
15-17 LST	3	3	2	#	#	#	#	0	#	2	3	2	1
18-20 LST	3	1	2	1	0	0	0	0	1	1	1	2	1
21-23 LST	3	1	#	#	0	0	0	0	1	#	1	3	1
ALL HOURS	2	1	1	#	#	#	#	#	#	1	1	2	1

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	8	5	2	0	#	#	0	2	2	3	6	3
03-05 LST	14	10	10	3	#	0	#	1	2	3	6	11	5
06-08 LST	14	10	8	2	1	0	0	1	1	2	4	8	4
09-11 LST	7	5	5	1	#	#	#	1	1	1	2	4	2
12-14 LST	5	3	4	1	#	#	0	#	1	2	3	4	2
15-17 LST	5	6	3	1	0	#	0	#	1	3	2	3	2
18-20 LST	7	5	3	1	#	#	#	1	1	1	3	4	2
21-23 LST	9	4	4	3	#	#	#	1	2	1	3	5	3
ALL HOURS	9	6	5	2	#	#	#	1	1	2	3	6	3

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	#	#	#	#	#	2	2	2	1	1	1
03-05 LST	#	#	0	1	#	1	#	2	#	1	1	2	1
06-08 LST	#	0	#	0	0	0	0	0	#	0	#	1	#
09-11 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
12-14 LST	0	0	0	0	#	0	0	0	0	0	0	0	#
15-17 LST	#	0	0	0	#	0	0	#	0	0	#	#	#
18-20 LST	#	0	#	0	0	#	0	#	#	#	#	#	#
21-23 LST	#	1	#	#	#	1	#	1	3	1	1	2	1
ALL HOURS	#	#	#	#	#	#	#	1	1	1	#	1	#

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☐ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	1	1	7	0	1	0	#	#	1	1
03-05 LST	2	3	1	0	0	7	0	#	0	0	#	2	1
06-08 LST	3	2	2	2	1	5	2	2	2	1	2	2	2
09-11 LST	2	#	1	#	1	5	#	#	#	0	#	1	1
12-14 LST	1	#	#	#	0	3	#	0	#	#	#	#	1
15-17 LST	1	#	#	#	#	1	0	1	#	#	#	1	#
18-20 LST	1	1	#	#	#	#	#	#	#	#	#	1	#
21-23 LST	1	1	0	0	1	4	1	#	#	1	#	#	1
ALL HOURS	2	1	1	1	1	4	1	1	#	#	#	1	1

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	0	1	0	5	0	1	0	#	0	#	1
03-05 LST	1	2	#	0	0	7	0	#	0	0	#	1	1
06-08 LST	1	1	1	2	1	4	2	1	1	1	1	1	1
09-11 LST	1	0	#	#	#	4	#	#	#	0	#	#	1
12-14 LST	#	#	0	#	0	2	0	0	#	#	#	#	#
15-17 LST	1	#	#	#	0	1	0	1	#	#	#	#	#
18-20 LST	1	1	#	#	#	0	#	#	#	#	0	1	#
21-23 LST	1	1	0	0	0	4	1	0	0	#	#	#	1
ALL HOURS	1	1	#	#	#	3	#	1	#	#	#	#	1

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	0	1	0	5	0	1	0	#	0	0	1
03-05 LST	1	1	0	0	0	6	0	#	0	0	#	1	1
06-08 LST	1	#	#	1	1	3	1	1	1	1	1	1	1
09-11 LST	#	0	#	#	#	3	0	#	#	0	#	#	#
12-14 LST	#	#	0	#	0	#	0	0	0	#	0	#	#
15-17 LST	#	#	#	#	0	#	0	1	#	#	#	#	#
18-20 LST	#	#	#	0	#	0	#	0	0	#	0	#	#
21-23 LST	1	1	0	0	0	3	1	0	0	#	0	#	1
ALL HOURS	#	#	#	#	#	3	#	#	#	#	#	#	1

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	0	1	0	5	0	1	0	#	0	0	1
03-05 LST	1	0	0	0	0	2	0	#	0	0	0	0	#
06-08 LST	1	#	#	1	#	#	#	1	0	0	#	#	#
09-11 LST	#	0	#	0	0	1	0	0	0	0	0	#	#
12-14 LST	#	0	0	#	0	0	0	0	0	0	0	0	#
15-17 LST	#	#	#	0	0	0	0	0	0	0	0	0	#
18-20 LST	#	#	#	0	0	0	#	0	0	0	0	0	#
21-23 LST	1	1	0	0	0	1	0	0	0	0	0	0	#
ALL HOURS	#	#	#	#	#	1	#	#	#	0	#	#	#

ECR-CLT22a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAN ANDREAS IS., COLUMBIA  
 LOCATION: 12°35'N, 81°42'W  
 PREPARED BY USAFETAC/ECR JUN 1986  
 ODCS DATED MAY 86 IS OBSOLETE

STATION #: 800010  
 ELEVATION (FEET): 7  
 PERIOD: JAN 73 - DEC 84

ICAO ID: MCSP  
 LST = GMT -5

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	101	100	100	101	104	102	104	104	100	100	102	99	104
MEAN DLY MAX	1	83	83	84	84	85	85	85	85	85	85	84	83	84
MEAN	1	80	80	81	82	83	83	82	82	82	82	82	81	82
MEAN DLY MIN	1	78	78	79	79	80	80	80	80	79	78	79	78	79
EXTREME MIN	1	69	69	69	73	68	68	69	64	65	64	63	68	63
# DAYS > 90	1	1	2	1	2	2	2	1	2	1	1	1	1	17
# DAYS > 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (DAYS)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN $\phi$	1	12	11	9	8	12	18	20	20	18	22	21	19	190
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	81	82	81	80	84	86	85	85	85	85	84	82	83
RH (15 LST)	1	74	74	72	73	76	78	79	79	78	79	78	77	77
VAPOR PRESS	1	.83	.82	.83	.86	.92	.94	.93	.94	.93	.92	.90	.86	.89
DEWPOINT	1	73	73	73	74	76	77	76	77	76	76	75	74	75
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	ENE	ENE	ENE	ENE	E	E	ENE	ENE	E	E	ENE	ENE	ENE
MEAN SPEED														
(PVLG DRCTN)	1	16	15	14	14	13	17	18	16	13	13	17	18	16
MEAN SPEED														
(ALL OBS)	1	16	15	14	13	12	15	17	14	10	11	14	18	14
MAX (PK GST)	1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	150	200	200	200	250	350	300	200	350	250	250	250	350
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	3	4	4	5	5	5	5	5	5	4	4
DAYS TSTMS	1	#	#	#	0	2	7	6	7	9	7	4	#	42
DAYS FOG < 7	1	#	#	#	#	#	0	0	#	#	0	0	#	#
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLG DROCN  
 ♂ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	
06-08 LST	6	5	5	5	5	9	7	6	6	5	3	4	6
09-11 LST	5	5	4	4	8	8	7	6	5	5	4	5	6
12-14 LST	5	5	4	3	7	6	5	5	6	8	4	5	5
15-17 LST	6	7	5	3	7	5	4	3	5	5	4	5	5
18-20 LST	6	5	3	3	3	4	3	2	3	4	3	5	4
21-23 LST	3	2	4	3	4	5	5	4	2	2	4	4	4
ALL HOURS ♂	5	5	4	4	6	7	6	4	5	5	4	5	5

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	
06-08 LST	#	1	1	#	#	1	1	#	1	#	#	#	#
09-11 LST	0	#	0	0	#	1	#	#	1	#	#	#	#
12-14 LST	#	#	#	#	#	#	#	1	#	#	1	1	#
15-17 LST	0	#	#	#	#	#	1	#	#	#	1	#	#
18-20 LST	0	1	#	1	#	#	1	1	1	#	#	0	#
21-23 LST	#	1	#	#	#	1	1	1	#	#	0	#	#
ALL HOURS ♂	#	1	#	#	#	1	1	1	1	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	
06-08 LST	#	1	1	#	#	1	1	#	1	#	0	0	#
09-11 LST	0	#	0	0	#	1	#	#	1	#	#	#	#
12-14 LST	#	#	#	#	#	#	#	1	#	#	1	1	#
15-17 LST	0	#	#	#	#	#	1	#	#	#	#	0	#
18-20 LST	0	1	#	1	#	#	1	1	#	#	#	0	#
21-23 LST	#	1	#	#	0	1	1	1	#	#	0	#	#
ALL HOURS ♂	#	1	#	#	#	1	1	1	1	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	
06-08 LST	0	#	0	0	#	#	#	0	#	0	0	0	#
09-11 LST	0	0	0	0	0	#	#	#	#	0	0	0	#
12-14 LST	#	0	#	0	0	#	#	1	#	0	#	0	#
15-17 LST	0	#	#	#	0	#	#	#	0	0	0	0	#
18-20 LST	0	#	#	#	#	0	#	#	#	#	0	0	#
21-23 LST	#	#	0	0	0	#	#	1	#	#	0	0	#
ALL HOURS ♂	#	#	#	#	#	#	#	#	#	#	#	0	#

ECR-MNF-5

# OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: SAN ANDREAS IS., COLUMBIA  
 LOCATION: 12°35'N, 81°42'W  
 PREPARED BY USAFETAC/ECR JUN 1986  
 OCDS DATED MAY 86 IS OBSOLETE

STATION #: 800010  
 ELEVATION (FEET): 7  
 PERIOD: JAN 73 - DEC 84

ICAO ID: MCSP  
 LST = GMT -5

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	1
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	#
06-08 LST	0	0	0	0	1	3	2	2	4	4	1	0	1
09-11 LST	0	0	0	0	#	3	2	2	3	3	#	#	1
12-14 LST	0	0	0	0	1	2	4	2	5	3	1	#	1
15-17 LST	0	0	0	0	#	3	3	2	5	5	1	#	2
18-20 LST	#	0	0	0	#	2	2	2	3	4	2	#	1
21-23 LST	0	0	0	0	1	3	2	3	3	3	2	0	1
ALL HOURS	#	#	#	0	#	3	3	2	4	4	1	#	1

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	1
06-08 LST	2	2	1	1	3	8	4	6	6	10	8	5	5
09-11 LST	2	1	1	1	3	7	5	7	9	8	7	4	5
12-14 LST	1	1	1	1	4	7	7	5	8	14	8	4	5
15-17 LST	2	2	1	1	3	7	6	6	9	14	8	4	5
18-20 LST	2	1	1	1	3	7	6	4	6	8	8	6	5
21-23 LST	2	1	#	#	1	5	4	4	3	5	8	3	3
ALL HOURS	2	1	1	1	3	7	5	5	7	10	8	4	5

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	
06-08 LST	10	5	3	1	1	7	11	6	2	3	8	16	6
09-11 LST	6	4	2	1	1	5	9	5	1	3	6	12	4
12-14 LST	4	3	2	1	1	4	7	3	2	3	5	11	4
15-17 LST	4	2	1	1	#	2	5	2	1	2	4	11	3
18-20 LST	5	4	2	1	1	4	4	3	1	3	6	9	3
21-23 LST	6	6	2	1	1	5	9	3	2	3	7	9	4
ALL HOURS	6	4	2	1	1	5	8	4	2	3	6	12	4

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☿ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	
06-08 LST	#	#	#	#	#	#	1	#	1	#	0	0	#
09-11 LST	0	#	0	0	#	1	#	#	1	#	#	#	#
12-14 LST	#	0	#	#	#	#	#	1	#	#	1	1	#
15-17 LST	0	#	#	#	#	#	#	#	#	#	#	0	#
18-20 LST	0	#	#	#	#	#	1	#	#	#	#	0	#
21-23 LST	#	1	#	#	0	1	1	1	#	#	0	#	#
ALL HOURS ☿	#	#	#	#	#	1	1	1	1	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	
06-08 LST	#	#	#	#	#	#	1	#	1	0	0	0	#
09-11 LST	0	#	0	0	#	#	#	#	1	#	0	#	#
12-14 LST	#	0	#	#	#	#	#	1	#	#	#	1	#
15-17 LST	0	#	#	#	#	#	#	#	#	#	#	0	#
18-20 LST	0	#	#	#	#	0	1	#	#	#	#	0	#
21-23 LST	#	1	#	#	0	1	1	1	#	#	0	#	#
ALL HOURS ☿	#	#	#	#	#	#	1	1	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	
06-08 LST	0	#	0	#	#	#	#	#	#	0	0	0	#
09-11 LST	0	#	0	0	#	#	#	#	#	0	0	#	#
12-14 LST	#	0	#	#	#	#	#	1	#	#	#	0	#
15-17 LST	0	#	#	#	#	#	#	#	0	#	#	0	#
18-20 LST	0	#	#	#	#	0	#	#	#	#	#	0	#
21-23 LST	#	#	0	#	0	#	#	1	#	#	#	0	#
ALL HOURS ☿	#	#	#	#	#	#	#	1	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	
06-08 LST	0	#	0	0	0	#	#	0	#	0	0	0	#
09-11 LST	0	0	0	0	0	#	#	#	#	0	0	0	#
12-14 LST	#	0	#	0	0	0	#	1	#	0	0	0	#
15-17 LST	0	0	#	#	0	#	#	#	0	0	0	0	#
18-20 LST	0	#	0	#	#	0	0	#	#	#	0	0	#
21-23 LST	0	#	0	0	0	#	#	1	#	#	0	0	#
ALL HOURS ☿	#	#	#	#	#	#	#	#	#	#	0	0	#

ECR-MNF-5a



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LIBERIA, COSTA RICA  
 LOCATION: 10°37'N, 085°26'W  
 PREPARED BY USAFETAC/ECR SEP 1986

STATION #: 787740  
 ELEVATION (FEET): 262  
 PERIOD: VARIED

ICAO ID: MRLB  
 LST = GMT -6

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	97	99	101	99	99	95	95	97	97	94	94	95	101
MEAN DLY MAX	2	91	93	96	97	95	89	89	90	88	86	89	88	91
MEAN	2	81	83	84	86	85	81	82	82	82	80	80	79	82
MEAN DLY MIN	2	71	72	72	74	74	73	75	74	73	73	71	69	73
EXTREME MIN	1	65	67	67	68	70	69	71	70	69	69	68	65	65
# DAYS > 90	1	23	25	30	29	23	12	13	13	9	9	11	19	216
# DAYS > 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	2	0	.6	.1	2.5	13.3	18.7	14.6	10.8	20.3	26.1	20.2	1.6	83.1
MEAN	2	#	#	.1	.8	8.5	10.7	8.0	6.1	13.7	12.5	3.2	.4	64.1
MINIMUM	2	0	0	0	0	.3	3.7	.6	1.2	8.0	5.7	.4	0	43.4
MAX 24 HR	2	0	.3	.1	1.3	2.5	3.9	4.7	2.9	5.1	7.1	5.0	1.3	7.1
# DAYS >.004	2	#	#	#	1	8	15	12	12	17	16	5	1	87
# DAYS >0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >0.1		0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >1.5		0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	87	85	81	84	92	94	91	94	97	97	94	91	90
RH (12 LST)	1	47	44	43	44	56	66	63	66	69	70	64	53	58
VAPOR PRESS	1	.70	.69	.71	.73	.83	.88	.84	.86	.87	.87	.83	.75	.80
DEWPOINT	1	68	68	68	69	73	75	73	74	74	74	73	70	72
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	E	E	E	E	\$E	\$E	\$E	\$E	\$W	\$W	\$E	E	\$E
MEAN SPEED (PVLG DRCTN)	1	18	18	18	17	14	12	14	13	9	9	13	17	16
MEAN SPEED (ALL OBS)	1	12	14	13	11	6	5	7	6	4	4	6	10	8
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	450	350	400	350	350	350	350	400	400	400	450	450	450
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	4	5	6	6	6	6	6	6	5	4	5
DAYS TSTMS	1	#	#	1	3	9	10	7	10	13	10	2	1	66
DAYS FOG <7	1	1	1	#	#	1	2	2	2	5	6	3	1	24
DAYS BNBD <7	1	0	#	0	0	0	0	0	0	0	0	0	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 φ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 1 JAN 78 - 31 DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY, 3-4 YRS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	0	3	7	14	15	13	9	23	23	17	6	11
09-11 LST	1	0	1	4	11	12	9	4	10	9	7	2	6
12-14 LST	1	1	#	5	12	13	12	12	15	14	7	2	8
15-17 LST	2	0	1	8	13	16	14	11	15	13	9	3	9
18-20 LST	2	0	3	11	21	3	14	13	13	17	7	7	9
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	0	1	5	7	9	6	4	13	15	13	5	7
09-11 LST	1	0	0	1	4	3	1	0	2	1	1	1	1
12-14 LST	#	#	0	#	2	3	1	1	3	1	1	0	1
15-17 LST	1	0	0	3	2	3	2	4	4	2	2	0	2
18-20 LST	0	0	0	5	8	0	4	4	3	4	2	0	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	0	1	3	5	7	3	3	11	13	10	4	5
09-11 LST	0	0	0	1	3	2	0	0	1	1	0	0	1
12-14 LST	#	#	0	#	2	1	#	1	2	1	1	0	1
15-17 LST	1	0	0	3	2	2	1	2	4	#	1	0	1
18-20 LST	0	0	0	2	8	0	2	1	3	1	1	0	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	1	1	5	2	#	4	5	5	3	2
09-11 LST	0	0	0	0	0	1	0	0	#	0	0	0	#
12-14 LST	0	#	0	0	0	0	0	#	0	#	0	0	#
15-17 LST	1	0	0	0	1	#	0	1	#	0	0	0	#
18-20 LST	0	0	0	0	2	0	2	0	1	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT13

# OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: LIBERIA, COSTA RICA  
LOCATION: 10°37'N, 085°26'W  
PREPARED BY USAFETAC/ECR SEP 1986

STATION #: 787740  
ELEVATION (FEET): 262  
PERIOD: 1 JAN 78 - 31 DEC 85

ICAO ID: MRLB  
LST = GMT -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	#	#	#	1	0	0	0	0	#
09-11 LST	0	0	#	0	1	1	1	0	#	0	#	0	#
12-14 LST	0	0	0	1	9	9	3	7	10	7	2	0	6
15-17 LST	#	#	1	3	15	19	16	15	22	14	3	1	9
18-20 LST	0	0	1	4	21	12	12	9	16	8	4	0	7
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	0	7	7	2	3	8	5	4	1	3
09-11 LST	0	0	#	0	6	4	1	4	5	5	2	1	2
12-14 LST	0	1	#	1	12	12	7	10	12	14	6	2	6
15-17 LST	0	#	1	1	15	17	12	16	25	12	10	3	9
18-20 LST	1	0	0	4	19	13	12	21	20	23	9	2	10
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	10	10	5	0	1	2	2	0	0	0	0	3
09-11 LST	18	28	23	18	2	2	5	5	1	1	2	14	9
12-14 LST	27	32	23	12	4	1	6	5	1	1	3	18	10
15-17 LST	16	27	21	12	1	1	4	3	2	1	1	10	6
18-20 LST	11	20	10	14	2	0	2	1	1	0	2	7	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☐ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 1 JAN 78 - 31 DEC 85  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	0	1	3	3	7	3	3	11	12	10	4	5
09-11 LST	0	0	0	1	3	1	0	0	1	1	0	0	1
12-14 LST	#	#	0	#	1	1	#	1	2	1	1	0	1
15-17 LST	1	0	0	2	2	2	1	2	3	#	1	0	1
18-20 LST	0	0	0	2	8	0	2	1	3	1	1	0	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	0	1	2	2	6	2	2	9	9	9	4	4
09-11 LST	0	0	0	0	2	1	0	0	1	1	0	0	#
12-14 LST	#	#	0	#	1	1	#	1	2	1	#	0	1
15-17 LST	1	0	0	2	1	2	#	2	2	0	1	0	1
18-20 LST	0	0	0	0	6	0	2	1	2	1	0	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	0	1	1	1	6	2	1	7	8	6	4	3
09-11 LST	0	0	0	0	2	1	0	0	#	1	0	0	#
12-14 LST	0	#	0	0	1	0	0	1	1	1	#	0	#
15-17 LST	1	0	0	1	1	1	#	1	1	0	0	0	1
18-20 LST	0	0	0	0	3	0	2	0	1	0	0	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	1	0	3	2	#	3	3	3	3	2
09-11 LST	0	0	0	0	0	#	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT13a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PUNTARENAS, COSTA RICA  
 LOCATION: 9°58'N, 084°50'W  
 PREPARED BY USAFETAC/ECR SEP 1986

STATION #: 787600  
 ELEVATION (FEET): 7  
 PERIOD: VARIED

ICAO ID: MRPT  
 LST = GMT -6

	SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)															
EXTREME MAX	2	107	109	108	102	102	97	100	99	94	95	104	100	109	
MEAN DLY MAX	2	95	94	96	93	91	89	90	90	89	89	90	91	91	
MEAN	2	85	85	86	85	84	82	82	82	82	82	82	83	83	
MEAN DLY MIN	2	74	75	75	76	76	74	74	74	74	74	73	74	74	
EXTREME MIN	2	68	68	68	68	66	67	66	66	68	69	61	69	61	
# DAYS > 90	1	21	23	29	27	21	13	12	14	10	8	7	13	198	
# DAYS < 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
# DAYS < 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2. PRECIPITATION (INCHES)															
MAXIMUM	2	.2	4.0	.6	3.2	7.4	15.8	3.1	11.2	14.3	22.0	7.1	22	68.5	
MEAN	2	#	.7	.2	1.3	4.0	8.4	8.3	6.6	10.0	11.8	4.1	.7	57	
MINIMUM	2	0	0	0	0	.6	3.1	5.8	3.3	4.9	6.1	1.8	0	50.8	
MAX 24 HR	2	.2	1.9	.5	3.2	2.8	2.6	2.6	2.8	2.9	3.9	1.9	2.2	3.9	
# DAYS >.004	2	#	1	1	2	7	14	14	10	14	13	7	2	8	
# DAYS >0.5		*	*	*	*	*	*	*	*	*	*	*	*	*	
3. SNOWFALL (INCHES)															
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
# DAYS >0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
# DAYS >1.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)															
RH (06 LST)	1	88	86	85	87	93	95	95	96	96	97	96	92	92	
RH (12 LST)	1	54	50	51	53	67	71	70	70	71	72	70	62	64	
VAPOR PRESS	1	.78	.78	.82	.87	.92	.93	.91	.91	.91	.91	.89	.84	.88	
DEWPOINT	1	71	71	72	74	76	76	76	76	76	76	75	73	74	
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)															
PVLG DRCTN	1	\$S	\$W	\$S	\$S	\$S	\$S	\$S	\$S	\$S	\$S	\$S	\$S	\$S	
MEAN SPEED (PVLG DRCTN)	1	5	6	6	6	6	5	5	5	5	5	5	5	5	
MEAN SPEED (ALL OBS)	1	4	5	4	4	3	2	2	2	2	2	2	3	3	
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*	
PRESSURE ALT	1	150	150	200	150	150	150	150	150	150	150	150	150	150	
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)															
CLD COVER	1	2	2	3	4	5	6	6	6	6	6	5	3	5	
DAYS TSTMS	1	#	0	#	2	9	11	9	12	12	9	4	1	69	
DAYS FOG <7	1	#	0	#	#	1	1	1	1	1	1	1	#	7	
DAYS BNBD <7	1	0	0	0	0	#	#	#	0	0	0	#	0	#	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS  
 APPLICABLE \$ = % CALM > PVLG DRCTN  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 1 JAN 73 - 31 DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY 6 YEARS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	1	1	1	6	7	3	7	9	14	6	3	5
09-11 LST	0	1	#	#	4	3	1	3	5	5	2	1	2
12-14 LST	#	0	1	1	3	3	2	4	4	6	3	1	2
15-17 LST	1	#	1	2	9	9	7	11	11	14	8	2	6
18-20 LST	3	1	1	4	17	14	9	13	13	17	13	4	9
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	1	0	2	1	1	2	3	3	2	#	1
09-11 LST	0	0	0	#	2	0	#	1	1	1	1	0	1
12-14 LST	0	0	0	#	1	1	#	1	1	2	1	0	1
15-17 LST	#	0	#	#	3	3	3	3	5	5	2	1	2
18-20 LST	1	1	0	1	5	5	4	6	6	5	3	1	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	0	1	1	1	#	1	1	1	#	1
09-11 LST	0	0	0	#	1	0	#	1	#	1	#	0	#
12-14 LST	0	0	0	#	#	#	#	1	1	1	#	0	#
15-17 LST	#	0	#	#	2	2	1	3	3	2	1	1	1
18-20 LST	1	1	0	1	2	3	2	3	3	2	1	#	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	0	0	1	#	0	#	0	0	0	#
09-11 LST	0	0	0	0	#	0	#	0	0	#	0	0	#
12-14 LST	0	0	0	0	0	#	#	0	#	#	0	0	#
15-17 LST	0	0	0	0	1	1	#	1	1	#	#	0	#
18-20 LST	9	9	9	#	0	#	#	1	1	#	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT12

# OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: PUNTARENAS, COSTA RICA  
LOCATION: 09°58'N, 084°50'W  
PREPARED BY USAFETAC/ECR SEP 1986

STATION #: 787600  
ELEVATION (FEET): 7  
PERIOD: JAN 73 - DEC 85

ICAO ID: MRPT  
LST = GMT -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	#	#	1	1	1	#	0	#	#
09-11 LST	0	0	0	0	#	0	0	#	#	0	#	0	#
12-14 LST	0	0	#	1	8	7	7	8	11	7	2	#	4
15-17 LST	#	0	1	4	14	17	15	15	18	15	6	1	9
18-20 LST	1	0	0	2	9	11	12	8	15	11	4	#	6
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	#	5	4	3	3	4	5	1	1	2
09-11 LST	0	0	0	0	3	3	1	1	3	3	2	1	1
12-14 LST	#	0	0	#	3	3	2	4	4	5	3	1	2
15-17 LST	1	0	#	2	12	16	17	21	23	18	10	3	9
18-20 LST	#	0	#	4	17	30	32	30	37	30	15	2	16
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	#	0	0	0	0	#	0	0	#	#
09-11 LST	1	2	1	#	1	0	0	0	0	0	#	#	#
12-14 LST	1	4	1	#	#	0	#	0	#	#	0	1	1
15-17 LST	#	2	1	#	0	0	#	0	0	0	#	#	#
18-20 LST	0	1	0	#	0	0	0	0	0	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 Ø = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	0	1	1	1	#	1	1	1	0	1
09-11 LST	0	0	0	#	1	0	#	1	#	1	#	0	#
12-14 LST	0	0	0	#	#	#	#	1	1	1	#	0	#
15-17 LST	#	0	#	#	2	2	1	2	3	2	1	1	1
18-20 LST	1	1	0	1	2	2	1	3	3	2	1	#	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	0	#	1	1	0	1	1	#	0	#
09-11 LST	0	0	0	#	1	0	#	#	#	#	#	0	#
12-14 LST	0	0	0	#	#	#	#	#	1	1	#	0	#
15-17 LST	#	0	#	#	1	1	#	2	2	1	1	1	1
18-20 LST	#	1	0	1	1	2	#	2	2	2	1	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	0	0	1	#	0	1	0	#	0	#
09-11 LST	0	0	0	#	1	0	0	0	#	#	#	0	#
12-14 LST	0	0	0	#	0	#	#	0	#	#	#	0	#
15-17 LST	0	0	#	#	1	1	#	1	2	1	#	#	1
18-20 LST	#	1	0	#	1	1	1	1	1	1	1	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	0	0	#	0	0	0	0	0	0	#
09-11 LST	0	0	0	0	#	0	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	#	#	0	0	#	0	0	#
15-17 LST	0	0	0	0	1	0	#	#	0	#	#	0	#
18-20 LST	0	0	0	0	0	#	#	1	0	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT12a



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAN JOSE, COSTA RICA  
LOCATION: 09°59'N, 084°13'W  
PREPARED BY USAFETAC/ECR SEP 1986

STATION #: 787620  
ELEVATION (FEET): 3080  
PERIOD: VARIED

ICAO ID: MROC  
LST = GMT -7

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	90	91	92	91	88	92	84	86	87	88	87	84	92
MEAN DLY MAX	2	75	76	79	80	80	80	78	78	80	79	76	75	78
MEAN	2	67	67	69	70	71	71	70	70	70	70	68	67	69
MEAN DLY MIN	2	58	58	59	60	61	61	61	60	60	60	60	59	60
EXTREME MIN	2	43	44	48	50	52	54	53	54	54	53	52	45	43
# DAYS > 90		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 32		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0		*	*	*	*	*	*	*	*	*	*	*	*	*
2. PRECIPITATION (INCHES)														
MAXIMUM	2	2.5	1.6	3.7	5.2	17.1	19.9	17.4	19.7	26.2	29.4	16.3	6.5	117.7
MEAN	2	.5	.2	.5	1.7	8.7	10.6	8.4	9.5	12.8	13.1	5.9	1.8	73.6
MINIMUM	2	0	0	0	0	2.0	4.6	1.5	3.0	4.1	3.3	0.1	0.2	43.1
MAX 24 HR	2	.2	.7	.9	.9	3.2	2.4	1.9	2.3	3.3	4.0	3.4	1.3	4.0
# DAYS >.004	2	2	4	2	7	18	25	22	21	26	25	18	9	177
# DAYS >.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	49	46	44	46	62	66	62	63	67	68	63	52	58
RH (12 LST)	1	77	75	76	77	86	87	85	85	89	89	85	78	83
VAPOR PRESS	1	.52	.51	.53	.56	.64	.65	.62	.62	.64	.64	.61	.55	.59
DEWPOINT	1	59	59	60	61	65	66	64	64	65	65	64	61	63
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	E	E	E	E	E	E	E	E	E	E	E	E	E
MEAN SPEED (PVLG DRCTN)	1	19	19	18	17	13	12	14	13	10	11	13	17	16
MEAN SPEED (ALL OBS)	1	17	17	16	14	9	9	10	9	8	8	10	14	11
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	3150	3150	3200	3200	3150	3150	3150	3150	3150	3150	3150	3150	3150
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	2	3	4	6	6	6	6	6	6	5	4	5
DAYS TSTMS	1	1	#	1	4	10	11	7	10	12	10	4	1	71
DAYS FOG <7	1	1	#	#	2	6	9	5	9	11	13	9	3	69
DAYS BNBD <7	1	#	#	#	#	0	0	#	#	#	#	#	#	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS  
 APPLICABLE \$ = % CALM > PVLG DRCTN  
 ¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86  
 2. NATIONAL INTELLIGENCE SURVEY 6-88 YEARS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	3	4	20	16	10	9	20	24	18	2	11
03-05 LST	2	1	2	2	12	10	7	5	12	14	12	1	7
06-08 LST	#	#	0	1	6	6	2	5	7	10	4	1	5
09-11 LST	#	1	1	1	3	2	2	1	3	5	2	1	2
12-14 LST	#	0	#	1	6	7	6	6	12	12	7	#	5
15-17 LST	1	1	1	5	20	27	19	26	37	40	27	6	18
18-20 LST	5	2	3	7	20	25	18	25	33	40	33	14	19
21-23 LST	2	2	6	7	21	18	14	15	24	26	23	6	14
ALL HOURS	2	1	2	4	14	14	10	12	19	21	16	4	10

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	#	2	3	19	13	8	9	14	20	14	2	9
03-05 LST	1	1	1	2	9	7	5	4	8	11	9	1	4
06-08 LST	0	#	0	1	5	4	2	3	5	6	2	1	2
09-11 LST	#	#	#	1	2	1	1	#	#	1	1	1	1
12-14 LST	#	0	#	#	3	4	2	2	4	5	3	#	2
15-17 LST	1	#	#	2	13	17	11	15	25	26	18	3	11
18-20 LST	3	2	1	4	13	21	11	17	24	28	25	9	13
21-23 LST	2	1	3	5	16	13	12	12	17	20	19	5	10
ALL HOURS	1	1	1	2	10	10	7	8	12	13	11	3	7

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	2	14	12	6	7	11	16	12	2	7
03-05 LST	1	1	1	1	5	6	5	3	5	9	8	1	4
06-08 LST	0	#	0	#	4	2	1	#	4	5	1	#	1
09-11 LST	#	#	#	#	1	1	1	1	#	1	1	#	1
12-14 LST	#	0	#	#	2	3	2	1	3	3	2	#	1
15-17 LST	1	#	#	1	8	13	7	11	18	18	10	2	7
18-20 LST	2	1	#	3	9	13	8	12	14	21	20	6	9
21-23 LST	1	0	1	3	10	10	9	9	12	16	14	4	7
ALL HOURS	1	#	#	1	7	8	5	6	8	11	9	2	5

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	4	3	3	4	3	6	5	1	2
03-05 LST	1	1	0	0	#	1	2	3	1	5	3	1	2
06-08 LST	0	0	0	0	2	1	0	1	1	2	#	0	1
09-11 LST	#	#	0	#	#	1	1	0	#	0	#	0	#
12-14 LST	0	0	0	#	#	#	#	#	#	1	#	0	#
15-17 LST	#	0	0	1	1	2	1	2	2	2	3	0	1
18-20 LST	#	#	0	#	1	3	2	2	3	5	5	1	2
21-23 LST	0	0	0	#	3	3	2	3	3	5	5	1	2
ALL HOURS	#	#	#	#	1	2	1	2	2	3	3	1	1

ECR-CLT19

# OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: SAN JOSE, COSTA RICA  
LOCATION: 09°59'N, 084°13'W  
PREPARED BY USAFETAC/ECR SEP 1986

STATION #: 787620  
ELEVATION (FEET): 3080  
PERIOD: JAN 73 - DEC 85

ICAO ID: MROC  
LST = GMT -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	#	0	0	0	#	0	#
03-05 LST	0	0	0	0	0	#	#	1	#	0	0	0	#
06-08 LST	0	0	0	0	0	#	#	0	0	0	0	0	#
09-11 LST	0	0	0	0	#	0	0	#	#	#	#	0	#
12-14 LST	0	0	#	1	7	7	4	6	8	7	2	0	3
15-17 LST	1	#	1	3	9	9	4	6	10	7	2	#	3
18-20 LST	#	0	0	#	2	2	1	2	3	1	#	0	1
21-23 LST	0	0	0	0	#	#	#	#	#	0	0	0	#
ALL HOURS	#	#	#	1	2	2	1	2	3	2	1	#	1

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	1	7	7	5	6	7	8	7	3	3
03-05 LST	#	0	1	#	4	4	5	5	5	6	5	7	4
06-08 LST	#	#	#	1	2	5	4	4	3	5	4	6	3
09-11 LST	#	#	#	#	3	4	4	5	3	5	5	3	3
12-14 LST	#	#	1	4	14	17	12	17	23	24	14	2	10
15-17 LST	2	2	3	16	39	45	33	39	50	49	28	1	26
18-20 LST	2	2	2	8	32	39	26	33	44	40	24	2	21
21-23 LST	1	1	1	3	15	14	10	15	18	15	12	2	9
ALL HOURS	1	1	1	5	15	17	13	16	20	20	13	3	10

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	22	16	8	1	1	4	3	1	1	2	12	6
03-05 LST	18	24	13	8	1	1	2	3	1	1	2	10	6
06-08 LST	24	28	23	16	3	2	5	4	2	1	5	18	10
09-11 LST	46	47	30	24	5	3	9	6	3	3	10	34	17
12-14 LST	36	38	22	14	4	3	6	4	2	2	6	23	13
15-17 LST	26	28	15	9	2	2	3	2	1	1	3	15	8
18-20 LST	18	21	12	6	1	1	3	1	#	1	2	13	6
21-23 LST	22	21	17	7	1	1	2	1	#	#	3	14	7
ALL HOURS	26	29	13	12	3	2	4	3	1	1	4	18	10

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY TO 80 YRS  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	1	12	9	6	6	10	15	10	2	6
03-05 LST	1	1	0	1	5	6	5	3	5	8	7	1	4
06-08 LST	0	#	0	#	4	2	1	3	3	5	1	#	2
09-11 LST	#	#	#	#	1	1	1	#	#	1	#	#	#
12-14 LST	#	0	#	#	2	3	2	1	2	3	2	#	1
15-17 LST	1	#	#	1	8	12	6	10	15	15	9	2	7
18-20 LST	1	#	0	2	8	11	7	11	12	17	18	4	8
21-23 LST	1	0	0	2	10	9	9	9	10	14	13	4	7
ALL HOURS	1	#	#	1	6	7	5	5	7	10	8	2	4

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	1	#	8	5	5	5	6	11	8	1	4
03-05 LST	1	1	0	0	2	3	5	1	4	6	6	1	3
06-08 LST	0	#	0	0	4	1	1	2	2	4	1	#	1
09-11 LST	#	#	#	#	#	1	1	#	#	#	#	#	#
12-14 LST	#	0	#	#	1	1	1	1	1	2	2	#	1
15-17 LST	#	0	#	1	5	6	4	6	8	9	6	1	4
18-20 LST	1	#	0	1	5	7	4	7	7	10	12	3	5
21-23 LST	#	0	0	1	7	7	5	6	6	10	10	2	5
ALL HOURS	#	#	#	#	4	4	3	4	4	7	6	1	3

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	1	#	7	6	5	4	4	8	7	1	4
03-05 LST	1	1	0	0	1	2	4	2	3	6	5	1	2
06-08 LST	0	#	0	0	2	1	#	2	2	3	#	0	1
09-11 LST	#	#	#	#	#	1	1	#	#	0	#	0	#
12-14 LST	#	0	0	#	1	1	#	1	#	1	1	#	#
15-17 LST	#	0	0	#	3	5	2	4	4	5	4	#	2
18-20 LST	#	#	0	1	2	4	3	4	4	6	7	1	3
21-23 LST	#	0	0	#	4	4	4	5	4	7	7	1	3
ALL HOURS	#	#	#	#	3	3	2	8	3	5	4	1	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	2	1	2	2	1	4	2	1	1
03-05 LST	0	1	0	0	0	0	2	1	#	3	2	1	1
06-08 LST	0	0	0	0	1	#	0	1	#	1	#	0	#
09-11 LST	#	#	0	#	#	#	#	0	0	0	0	0	#
12-14 LST	#	0	0	0	0	0	0	0	#	0	#	0	#
15-17 LST	#	0	0	#	#	1	1	1	#	1	1	0	#
18-20 LST	#	#	0	#	#	1	1	1	1	2	2	#	1
21-23 LST	0	0	0	0	1	1	1	1	1	2	3	1	1
ALL HOURS	#	#	0	#	1	1	1	1	#	2	1	#	1

ECR-CLT19a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: JOSE MARTI APT, CUBA  
LOCATION: 22°59'N, 082°24'W  
PREPARED BY USAFETAC/ECR JUL 1986

STATION #: 782240  
ELEVATION (FEET): 210  
PERIOD: VARIED

ICAO ID: MUHA  
LST = GMT -5

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	3	93	93	104	104	97	99	97	95	100	100	93	90	104
MEAN DLY MAX	3	79	79	81	84	86	88	89	89	88	85	81	79	84
MEAN	3	72	72	74	77	79	81	82	82	82	79	75	73	78
MEAN DLY MIN	3	65	65	67	69	72	74	75	75	75	73	69	67	71
EXTREME MIN	3	43	46	46	43	57	63	64	63	63	52	45	45	43
# DAYS > 90	1	#	#	1	4	9	13	19	20	13	4	1	#	84
# DAYS > 32	*	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2. PRECIPITATION (INCHES)														
MAXIMUM	2	17.8	5.0	5.4	5.7	16.7	16.7	7.6	11.6	10.9	26.3	16.5	6.0	71.0
MEAN	2	2.5	1.6	1.9	2.1	3.7	5.6	4.3	4.3	5.6	7.3	3.4	2.0	44.5
MINIMUM	2	#	0	#	0	0	.9	.9	1.0	.7	.3	.5	.1	25.2
MAX 24 HR	2	6.8	3.1	2.6	3.7	5.6	5.8	3.7	3.7	3.5	20.1	8.0	2.7	20.1
# DAYS > 0.01	2	6	5	5	6	8	11	10	11	13	12	9	6	102
# DAYS > 0.5														
3. SNOWFALL (INCHES)														
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	91	90	88	89	91	93	93	94	95	94	95	90	92
RH (12 LST)	1	65	62	60	55	59	63	62	62	65	66	64	63	62
VAPOR PRESS	1	.58	.60	.63	.66	.75	.81	.84	.84	.84	.78	.69	.63	.72
DEWPOINT	1	62	62	64	66	70	73	73	74	73	71	68	64	68
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$NNE	\$E	\$ENE	\$ENE	\$ENE	\$E	\$ENE	\$ENE	\$ENE	\$ENE	\$ENE	\$E	\$ENE
MEAN SPEED														
(PVLG DRCTN)	1	12	9	11	11	10	8	9	9	9	11	11	10	10
MEAN SPEED														
(ALL OBS)	1	7	8	9	9	7	6	5	6	5	7	7	8	7
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	350	300	450	350	350	300	250	350	400	400	400	350	350
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	3	3	4	4	3	3	4	3	3	3	3
DAYS TSTMS	1	1	1	1	3	8	11	15	13	13	6	1	1	74
DAYS FOG < 7	1	14	11	11	9	10	9	12	10	13	16	14	14	143
DAYS BNBD < 7	1	#	#	#	#	#	#	#	#	#	#	#	#	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS  
 APPLICABLE \$ = % CALM > PVLG DRCN  
 φ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 1 JAN 73 - 31 DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY, 33-44 YRS  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA, 25 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	14	6	5	8	6	2	1	5	7	9	11	7
03-05 LST	16	21	10	7	9	6	4	3	7	13	15	17	11
06-08 LST	27	27	17	12	11	9	5	6	8	19	24	21	16
09-11 LST	21	17	18	18	22	16	10	10	14	23	17	15	17
12-14 LST	26	28	32	34	45	41	39	39	47	45	34	27	36
15-17 LST	20	23	22	22	29	33	34	27	34	26	20	19	26
18-20 LST	12	19	12	11	14	16	17	14	17	13	10	14	14
21-23 LST	11	14	7	7	7	8	5	6	6	9	8	10	8
ALL HOURS	19	20	16	15	19	18	15	14	18	20	17	17	17

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	2	1	3	4	1	#	3	3	4	4	2
03-05 LST	10	11	5	3	7	3	2	1	5	9	9	10	6
06-08 LST	19	17	12	8	9	7	4	5	6	13	16	14	11
09-11 LST	8	4	2	1	1	2	#	1	2	2	3	4	2
12-14 LST	2	3	2	1	2	3	2	2	2	2	2	2	2
15-17 LST	3	2	3	1	4	8	5	4	4	2	2	1	3
18-20 LST	2	3	2	1	2	4	3	3	5	3	3	2	3
21-23 LST	3	2	1	1	1	4	#	1	1	1	2	2	2
ALL HOURS	7	6	4	2	4	4	2	2	3	4	5	5	4

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	#	1	1	#	#	1	1	2	3	1
03-05 LST	5	6	2	1	2	1	1	0	#	4	3	5	3
06-08 LST	10	9	4	4	3	2	1	1	2	4	7	7	5
09-11 LST	4	2	1	#	#	#	0	1	1	1	1	2	1
12-14 LST	1	1	1	#	1	1	1	1	1	2	1	2	1
15-17 LST	1	1	2	1	2	3	2	2	2	1	1	1	2
18-20 LST	1	2	1	1	1	1	1	1	2	#	1	2	1
21-23 LST	1	#	#	0	1	#	#	#	#	#	1	1	#
ALL HOURS	3	3	2	1	1	1	1	1	1	2	2	3	2

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	#	0	0	0	0	0	#	#	1	#
03-05 LST	1	1	1	#	#	#	#	0	0	#	1	1	#
06-08 LST	3	2	1	1	#	#	#	#	#	1	2	2	1
09-11 LST	#	#	#	#	0	#	0	1	#	#	#	#	#
12-14 LST	0	#	0	#	0	#	0	#	#	#	0	0	#
15-17 LST	#	0	#	#	#	#	#	#	1	#	0	#	#
18-20 LST	0	#	#	#	0	0	#	#	#	0	#	0	#
21-23 LST	#	0	0	0	#	0	#	0	0	0	#	#	#
ALL HOURS	1	#	#	#	#	#	#	#	#	#	#	1	#

ECR-CLT-4

# OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: JOSE MARTI APT, CUBA  
 LOCATION: 22°59'N, 082°24'W  
 PREPARED BY USAFETAC/ECR JUL 1986

STATION #: 782240  
 ELEVATION (FEET): 210  
 PERIOD: 1 JAN 73 - 31 DEC 85

ICAO ID: MUHA  
 LST = GMT -5

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	0	1	1	#	0	#	#	0	#	#
03-05 LST	0	0	#	0	#	1	#	0	1	#	#	#	#
06-08 LST	0	#	0	#	#	#	#	#	#	1	#	0	#
09-11 LST	0	#	#	#	1	#	#	#	1	#	#	#	#
12-14 LST	#	#	1	1	4	5	7	5	6	2	0	#	3
15-17 LST	1	1	1	3	7	14	22	18	20	7	1	1	8
18-20 LST	#	#	0	1	2	6	9	9	7	2	#	1	3
21-23 LST	#	#	0	1	1	1	2	1	1	1	#	0	1
ALL HOURS	#	#	#	1	2	4	5	4	5	2	#	#	2

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	2	1	4	2	#	1	2	2	3	3	2
03-05 LST	3	3	1	1	3	3	#	1	1	3	3	3	2
06-08 LST	3	4	2	2	1	4	#	2	2	3	4	2	2
09-11 LST	3	3	1	1	3	4	1	1	2	3	4	2	2
12-14 LST	2	3	1	3	5	5	6	5	6	5	4	2	4
15-17 LST	4	4	4	6	8	17	14	11	14	8	4	3	8
18-20 LST	4	5	3	3	5	10	9	8	11	6	4	3	6
21-23 LST	3	3	2	2	3	4	2	4	4	4	4	3	3
ALL HOURS	3	4	2	2	4	6	4	4	5	4	4	3	4

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	0	#	#	#	#	#	0	1	1	#
03-05 LST	#	1	#	0	0	#	0	#	1	0	#	1	#
06-08 LST	#	1	1	0	#	#	0	#	#	#	#	1	#
09-11 LST	2	3	6	4	1	#	0	#	#	5	4	5	3
12-14 LST	4	4	10	8	2	1	#	1	1	6	5	6	4
15-17 LST	4	4	12	9	5	2	1	1	2	6	7	7	5
18-20 LST	1	1	2	2	1	1	#	1	0	1	1	2	1
21-23 LST	1	#	1	1	0	0	0	#	#	#	1	2	1
ALL HOURS	1	2	4	3	1	1	#	1	1	2	2	3	2

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☉ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 1 JAN 73 - 31 DEC 85  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	#	#	1	1	#	#	1	1	2	2	1
03-05 LST	5	6	2	1	2	1	1	0	#	4	3	5	3
06-08 LST	9	9	4	4	3	2	1	1	2	4	7	6	4
09-11 LST	4	2	1	#	#	#	0	1	1	1	1	2	1
12-14 LST	1	1	1	#	1	1	#	1	1	2	1	2	1
15-17 LST	1	1	1	1	2	3	2	2	2	1	1	1	2
18-20 LST	#	1	1	1	#	1	1	1	2	#	1	2	1
21-23 LST	1	#	#	0	#	#	#	#	#	#	1	1	#
ALL HOURS	3	2	1	1	1	1	1	1	1	2	2	3	2

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	#	#	#	#	0	1	1	1	2	1
03-05 LST	3	3	2	1	1	#	1	0	#	2	3	3	2
06-08 LST	7	5	3	1	1	1	1	1	1	1	4	4	3
09-11 LST	1	1	#	#	#	#	0	1	1	1	1	1	1
12-14 LST	#	#	1	#	1	1	#	1	1	1	1	1	1
15-17 LST	#	1	1	1	1	2	1	2	1	#	1	1	1
18-20 LST	#	#	#	#	#	1	1	#	1	0	1	1	#
21-23 LST	#	0	#	0	#	#	#	#	0	0	1	1	#
ALL HOURS	2	1	1	#	1	1	1	1	1	1	1	2	1

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	#	0	#	#	0	#	#	#	1	#
03-05 LST	2	1	1	1	#	#	1	0	#	1	2	3	1
06-08 LST	4	3	2	1	#	1	#	#	#	1	3	3	2
09-11 LST	1	#	#	#	#	#	0	1	1	#	#	#	#
12-14 LST	0	#	#	#	#	#	#	1	1	1	#	#	#
15-17 LST	#	#	1	#	1	1	#	1	1	#	#	#	#
18-20 LST	0	#	#	#	#	#	1	#	1	0	#	#	#
21-23 LST	#	0	#	0	#	0	#	#	0	0	#	1	#
ALL HOURS	1	1	1	#	#	#	#	#	#	#	1	1	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	0	0	0	0	0	0	#	1	#
03-05 LST	1	#	#	#	0	#	0	0	0	0	#	1	#
06-08 LST	2	1	1	#	0	#	#	#	#	#	1	1	1
09-11 LST	#	#	0	#	0	#	0	1	#	#	#	#	#
12-14 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
15-17 LST	#	0	0	0	#	0	0	#	#	0	0	#	#
18-20 LST	0	#	#	0	0	0	#	#	#	0	#	0	#
21-23 LST	#	0	0	0	#	0	#	0	0	0	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

ECR-CLT-4a



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CABO ENGANO, DOMINICAN REPUBLIC  
 LOCATION: 18°37'N, 068°20'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 784780  
 ELEVATION (FEET): 7  
 PERIOD: VARIED

ICAO ID:  
 LST = GMT

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX	2	81	82	83	84	85	86	87	88	88	87	85	83	86
MEAN	2	77	77	78	80	81	82	82	83	83	82	81	77	81
MEAN DLY MIN	2	73	72	73	75	76	77	77	77	77	76	76	75	75
EXTREME MIN		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS < 32		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≤ 0		*	*	*	*	*	*	*	*	*	*	*	*	*
2. PRECIPITATION (INCHES)														
MAXIMUM	2	5.3	4.0	2.6	3.9	12.0	10.8	6.0	4.4	5.1	7.1	6.3	8.8	48.1
MEAN	2	2.3	1.6	1.3	2.2	4.0	4.3	3.3	2.9	2.6	4.3	4.5	3.5	36.7
MINIMUM	2	.4	#	.3	.6	1.5	1.5	2.3	1.0	.8	2.8	2.1	.5	32.7
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≤ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≤ 1.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (08 LST)	1	88	85	86	87	85	83	83	84	85	86	85	87	85
RH (14 LST)	1	79	78	77	77	76	76	75	77	78	78	78	80	77
VAPOR PRESS	1	.81	.78	.81	.84	.88	.91	.93	.94	.95	.94	.90	.84	.88
DEWPOINT	1	72	72	72	73	75	76	76	76	77	76	75	73	74
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	E	E	E	E	E	E	E	E	E	E	E	E	E
MEAN SPEED (PVLG DRCTN)	1	10	10	9	10	8	9	11	11	10	9	10	11	10
MEAN SPEED (ALL OBS)	1	9	10	9	9	8	9	11	10	9	8	9	10	9
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	8	*
PRESSURE ALT	1	100	100	150	100	100	50	0	50	150	150	200	50	200
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	3	3	4	4	4	4	4	4	4	3	4
DAYS TSTMS	1	0	0	0	3	11	12	13	17	19	21	2	#	98
DAYS FOG < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ = % CALM > PVLG DRCTN  
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - MAR 85  
 2. NATIONAL INTELLIGENCE SURVEY 2-9 YEARS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	15	12	6	10	4	3	7	6	5	7	6	9	8
09-11 LST	14	12	2	3	7	3	2	6	7	5	10	7	7
12-14 LST	12	7	4	6	5	5	2	5	6	7	8	9	6
15-17 LST	5	6	6	10	9	8	12	10	6	11	7	5	8
18-20 LST	7	4	7	6	10	13	12	13	11	10	7	5	9
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	1	0	1	0	0	2	1	1	0	0	1	1
09-11 LST	0	1	0	1	0	0	0	0	0	0	0	0	#
12-14 LST	0	0	0	1	1	0	0	1	0	0	0	1	#
15-17 LST	0	0	0	0	1	1	1	0	0	1	0	0	#
18-20 LST	0	0	0	0	1	1	1	0	0	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	1	0	0	1	1	0	0	0	1	#
09-11 LST	0	0	0	1	0	0	0	0	0	0	0	0	#
12-14 LST	0	0	0	1	0	0	0	0	0	0	0	0	#
15-17 LST	0	0	0	0	0	0	1	0	0	0	0	0	#
18-20 LST	0	0	0	0	1	0	0	0	0	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	1	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT24

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CABO ENGANO, DOMINICAN REPUBLIC  
 LOCATION: 18°37'N, 068°20'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 784780  
 ELEVATION (FEET): 7  
 PERIOD: JAN 73 - MAR 85

ICAO ID:  
 LST = GMT -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	1	2	1	1	2	3	1	1	2	1
09-11 LST	0	0	0	0	2	1	1	2	2	1	0	0	1
12-14 LST	0	0	0	1	3	2	2	3	2	3	1	0	1
15-17 LST	0	0	0	1	3	3	6	7	5	7	0	0	3
18-20 LST	0	0	0	1	4	5	5	7	9	#	2	0	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	0	1	1	2	1	1	2	2	2	0	2	1
09-11 LST	1	1	0	1	2	1	1	1	2	2	1	1	1
12-14 LST	2	0	0	1	1	2	0	2	0	1	1	2	1
15-17 LST	0	0	1		3	3	1	3	3	3	2	0	2
18-20 LST	1	1	1	1	4	4	4	8	8	8	3	1	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	1	0	0	1	1	1	1	0	0	0	0	#
09-11 LST	0	1	0	0	0	0	1	1	1	0	2	0	1
12-14 LST	1	1	1	1	0	1	1	1	1	1	1	1	1
15-17 LST	0	0	2	0	0	0	1	0	1	0	1	0	#
18-20 LST	1	0	1	0	0	0	1	1	1	1	1	2	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - MAR 85  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	1	0	0	0	1	0	0	0	1	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	1	0	0	0	0	0	#
18-20 LST	0	0	0	0	1	0	0	0	0	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	1	0	0	0	1	0	0	0	1	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	1	0	0	0	0	0	#
18-20 LST	0	0	0	0	1	0	0	0	0	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	1	0	0	0	1	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	1	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT24a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SALINAS, EQUADOR  
LOCATION: 02°12'S, 080°59'W  
PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 842000  
ELEVATION (FEET): 20  
PERIOD: VARIED

ICAO ID: SESA  
LST = GMT: -5

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	91	90	92	89	87	85	83	81	80	89	84	85	92
MEAN DLY MAX	1	80	81	82	81	80	77	73	73	74	75	76	78	77
MEAN	1	78	79	79	79	77	75	71	70	71	73	74	76	75
MEAN DLY MIN	1	75	77	77	76	75	73	69	69	70	71	72	74	73
EXTREME MIN	2	58	64	68	67	63	62	60	60	60	61	63	63	58
# DAYS > 90	1	#	#	#	0	0	0	0	0	0	0	0	0	#
# DAYS > 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	2	2.9	9.3	12.5	3.6	.3	.2	.2	.1	.4	.6	.1	.3	20.4
MEAN	2	.7	1.7	2.2	.7	#	#	#	#	.1	.1	#	#	5.7
MINIMUM	2	0	0	0	0	0	0	0	0	0	0	0	0	.5
MAX 24 HR	2	2.7	2.8	4.4	2.0	.2	.1	#	#	.2	.2	.1	.3	4.4
# DAYS > 0.04	2	5	5	6	4	1	2	3	2	2	4	2	1	37
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 1.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (07 LST)	1	83	83	83	84	83	84	86	86	86	85	84	83	84
RH (15 LST)	1	72	70	69	71	72	74	77	77	77	75	72	72	74
VAPOR PRESS	1	.74	.77	.77	.77	.72	.69	.63	.62	.63	.67	.67	.69	.69
DEWPOINT	1	70	71	71	71	69	68	65	64	65	67	67	68	67
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	WSW	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
MEAN SPEED (PVLG DRCTN)	1	7	8	7	8	8	9	8	8	8	8	9	8	8
MEAN SPEED (ALL OBS)	1	8	8	6	6	8	9	9	9	9	8	9	8	9
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	250	300	250	250	300	300	250	150	200	250	200	300	300
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	5	5	5	6	7	7	7	7	7	7	6	6
DAYS TSTMS	1	#	0	#	#	#	0	0	0	0	0	#	#	#
DAYS FOG < 7		0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS BNBD < 7		0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2. NATIONAL INTELLIGENCE SURVEY UP TO 21 YRS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	43	33	24	21	46	69	84	90	89	90	80	52	60
09-11 LST	22	13	8	12	40	65	77	89	85	80	64	44	50
12-14 LST	19	9	7	5	32	49	70	76	72	71	61	30	42
15-17 LST	8	4	0	2	27	50	62	77	71	69	59	29	38
18-20 LST	18	15	4	6	35	55	64	79	71	76	65	34	44
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	9	13	8	6	15	36	61	68	64	60	54	24	35
09-11 LST	5	4	2	3	4	20	46	59	45	46	38	14	24
12-14 LST	12	8	4	3	3	16	32	36	30	28	19	4	16
15-17 LST	3	1	0	0	4	5	22	34	26	23	17	2	11
18-20 LST	8	12	3	2	8	20	30	48	40	33	31	7	20
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	5	4	4	5	12	13	14	4	9	4	2	7
09-11 LST	2	4	0	0	1	1	6	7	2	3	2	2	3
12-14 LST	5	5	2	2	1	5	3	2	2	1	1	#	2
15-17 LST	0	1	0	0	1	1	3	1	1	2	#	0	1
18-20 LST	5	10	2	2	1	6	5	8	4	5	2	2	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	1	1	1	0	0	1	1	0	#	1	#	1
09-11 LST	0	2	0	0	0	0	1	0	1	0	#	#	#
12-14 LST	0	0	1	1	0	0	#	0	1	1	0	0	#
15-17 LST	0	0	0	0	1	1	1	0	1	2	#	0	1
18-20 LST	1	0	0	1	0	0	1	1	1	1	0	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT13

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SALINAS, EQUADOR  
 LOCATION: 02°12'S, 080°59'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 842000  
 ELEVATION (FEET): 20  
 PERIOD: 7707-8512

ICAO ID: SESA  
 LST = GMT: -5

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	#	#
09-11 LST	#	0	1	#	#	0	0	0	0	0	#	#	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	#	0	#
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	3	2	1	1	1	2	0	1	2	#	2	1
09-11 LST	1	1	1	#	#	0	0	1	0	#	0	1	#
12-14 LST	1	1	1	1	1	1	0	0	0	0	0	0	1
15-17 LST	1	1	0	0	0	1	0	0	0	0	0	#	#
18-20 LST	1	0	0	1	0	#	0	0	0	1	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	5	1	1	2	3	2	2	2	#	1	0	2
09-11 LST	#	1	#	0	1	1	1	1	1	#	0	0	#
12-14 LST	3	5	2	1	1	3	1	1	1	#	0	1	1
15-17 LST	2	0	0	0	0	1	2	#	1	0	1	#	1
18-20 LST	6	15	7	1	2	8	4	5	6	0	1	3	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ♢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	5	4	4	4	9	9	11	3	7	3	2	5
09-11 LST	1	4	0	0	1	1	6	4	2	2	2	2	2
12-14 LST	5	5	2	2	1	5	3	1	2	1	1	#	2
15-17 LST	0	1	0	0	1	1	3	#	1	2	#	0	1
18-20 LST	5	10	2	2	1	5	4	7	3	5	2	2	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	4	3	2	4	4	3	4	1	2	2	1	3
09-11 LST	1	4	0	0	1	1	5	0	1	#	1	2	1
12-14 LST	5	5	2	1	1	4	1	1	2	1	0	#	2
15-17 LST	0	1	0	0	1	1	2	0	1	1	#	0	1
18-20 LST	3	7	2	2	1	4	3	3	2	2	0	2	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	3	1	2	2	0	1	1	1	#	1	1	1
09-11 LST	1	3	0	0	1	1	2	0	1	#	1	1	1
12-14 LST	2	4	2	1	1	2	1	#	1	1	0	#	1
15-17 LST	0	1	0	0	1	1	1	0	1	1	#	0	1
18-20 LST	2	2	0	1	0	2	2	1	1	1	0	2	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	1	1	0	0	1	#	0	0	#	#	#
09-11 LST	0	1	0	0	0	0	#	0	#	0	#	0	#
12-14 LST	0	0	1	0	0	0	0	0	#	#	0	0	#
15-17 LST	0	0	0	0	1	1	#	0	1	#	#	0	#
18-20 LST	1	0	0	0	0	0	1	1	1	0	0	1	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT13a



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAN SALVADOR, EL SALVADOR  
 LOCATION: 13°43'N, 089°12'E  
 PREPARED BY: USAFETAC/ECH, SEP 1986

STATION #: 786630  
 ELEVATION (FEET): 2020  
 PERIOD: VARIED

ICAO ID: MSSS  
 LST = GMT -6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	2	101	104	104	104	98	98	98	99	101	102	101	105
MEAN DLY MAX	2	96	98	98	93	87	89	89	87	87	87	89	90
MEAN	2	76	76	78	74	77	77	78	77	76	75	75	77
MEAN DLY MIN	2	60	60	62	65	66	65	66	66	65	63	61	64
EXTREME MIN	2	48	44	46	54	58	56	58	60	53	53	49	45
# DAYS > 90	3	16	20	27	24	19	6	13	13	12	6	13	175
# DAYS ≥ 32	3	3	3	3	0	0	0	0	0	0	0	0	0
# DAYS ≤ 0	3	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM	2	1.5	2.3	3.2	20.1	15.0	24.3	19.4	18.5	24.1	19.9	5.1	3.8
MEAN	2	.2	.2	.4	2.1	7.4	12.7	12.5	11.7	12.5	9.0	1.6	.4
MINIMUM	2	0	0	0	0	2.2	5.5	4.6	3.2	5.8	1.0	0	0
MAX 24 HR	2	.7	1.1	1.3	3.5	4.7	8.1	3.7	6.5	6.9	6.7	2.1	1.8
# DAYS > .004	2	1	1	1	5	13	20	22	21	21	16	5	1
# DAYS ≤ 0.5	2	1	1	1	5	13	20	22	21	21	16	5	1
3. SNOWFALL (INCHES)													
MEAN	3	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	3	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	3	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	3	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≤ 1.5	3	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (06 LST)	1	84	83	85	85	93	95	93	95	95	93	88	85
RH (14 LST)	1	43	40	46	48	63	67	61	63	70	66	55	49
VAPOR PRESS	1	.54	.53	.61	.65	.73	.73	.71	.72	.73	.71	.63	.58
DEWPOINT	1	60	60	63	65	69	69	68	69	69	68	65	62
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	N	N	S	S	S	S	N	N	N	N	N	N
MEAN SPEED	1	3	8	8	8	7	5	5	4	4	5	7	7
(PVLG DRCTN)	1	3	8	8	8	7	5	5	4	4	5	7	7
MEAN SPEED	1	7	7	6	6	5	4	4	4	4	5	6	6
(ALL OBS)	1	7	7	6	6	5	4	4	4	4	5	6	6
MAX (PK GST)	1	50	50	35	40	25	30	25	35	30	30	35	40
PRESSURE ALT	1	2200	2200	2250	2350	2250	2200	2150	2200	2250	2200	2200	2350
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	3	3	3	4	5	6	5	5	6	5	4	3
DAYS TSTMS	1	1	1	2	7	14	19	19	22	21	15	4	1
DAYS FOG < 7	1	1	1	2	5	6	19	4	7	8	8	3	1
DAYS BNBD < 7	1	#	1	0	#	#	0	0	#	#	#	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY 7-49 YEARS  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY 33-39 YEARS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	5	7	14	10	11	20	14	3	#	7
03-05 LST	1	0	1	4	12	22	11	18	30	22	7	1	11
06-08 LST	5	2	4	19	19	25	17	18	30	21	9	2	14
09-11 LST	#	1	1	8	11	14	4	8	20	8	1	1	6
12-14 LST	1	1	2	4	13	14	5	9	17	12	2	1	7
15-17 LST	1	1	1	5	6	8	6	5	11	5	2	1	4
18-20 LST	0	#	#	6	7	9	8	5	7	6	2	1	4
21-23 LST	1	0	1	3	5	10	7	10	13	8	2	1	5
ALL HOURS	1	1	1	7	10	15	9	11	19	12	4	1	7

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	#	4	5	8	8	7	13	10	2	#	5
03-05 LST	1	0	1	3	10	15	9	15	26	19	7	1	9
06-08 LST	5	2	3	18	17	22	15	17	27	20	8	2	13
09-11 LST	#	1	#	6	6	7	1	3	9	3	#	#	3
12-14 LST	0	#	1	4	4	4	1	2	6	2	#	#	2
15-17 LST	1	1	0	4	3	4	3	3	5	2	1	#	2
18-20 LST	0	#	0	5	5	6	4	3	5	3	1	1	3
21-23 LST	#	0	1	3	3	6	5	6	8	5	1	1	3
ALL HOURS	1	1	1	6	7	9	6	7	12	8	3	1	5

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	2	4	6	5	6	11	9	2	0	4
03-05 LST	1	0	1	3	9	11	5	14	22	15	6	1	7
06-08 LST	5	2	3	11	13	18	14	15	21	17	7	2	11
09-11 LST	0	1	#	3	2	3	#	1	4	#	#	0	1
12-14 LST	0	#	#	2	2	3	1	1	3	1	#	#	1
15-17 LST	1	1	0	2	2	2	2	2	3	1	#	#	1
18-20 LST	0	0	0	3	2	3	3	2	3	1	#	1	2
21-23 LST	#	0	1	2	2	3	2	4	6	4	#	1	2
ALL HOURS	1	1	1	4	5	6	4	6	9	6	2	1	4

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	1	1	1	1	2	2	1	0	1
03-05 LST	0	0	1	#	1	2	2	5	6	6	3	1	2
06-08 LST	1	0	1	2	2	6	5	4	8	5	4	1	3
09-11 LST	0	1	0	#	#	1	#	#	1	#	0	0	#
12-14 LST	0	#	#	#	0	#	0	0	#	0	0	0	#
15-17 LST	#	#	0	0	#	0	#	1	#	#	#	#	#
18-20 LST	0	0	0	0	#	0	1	#	#	#	0	1	#
21-23 LST	0	0	0	0	0	1	#	1	1	1	0	#	#
ALL HOURS	#	#	#	#	1	1	1	2	2	2	1	#	1

ECR-CLT26

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAN SALVADOR, EL SALVADOR  
 LOCATION: 13°43'N, 089°12'E  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 786630  
 ELEVATION (FEET): 2020  
 PERIOD: JAN 73 - DEC 85

ICAO ID: MSSS  
 LST = GMT -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	1	1	11	14	7	15	12	8	1	0	6
03-05 LST	0	0	0	#	5	5	1	4	8	3	#	0	2
06-08 LST	0	0	0	#	1	1	#	#	1	0	0	0	#
09-11 LST	0	0	0	0	#	1	0	#	#	#	0	#	#
12-14 LST	0	#	#	1	4	6	2	5	7	5	1	0	3
15-17 LST	0	0	1	1	7	14	11	16	16	9	2	1	7
18-20 LST	1	0	1	3	9	17	24	18	13	10	3	1	8
21-23 LST	1	1	1	7	10	19	22	28	18	11	1	1	10
ALL HOURS	#	#	1	2	6	10	8	11	6	6	1	#	5

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	#	3	3	14	31	16	29	28	16	3	1	12
03-05 LST	1	0	2	2	10	22	7	13	15	13	1	#	7
06-08 LST	0	1	1	1	6	8	1	3	9	3	1	#	3
09-11 LST	0	#	0	1	4	5	1	2	7	2	1	#	2
12-14 LST	#	#	1	1	5	9	3	5	12	6	1	#	4
15-17 LST	#	#	1	#	5	12	10	8	13	9	2	1	5
18-20 LST	1	0	1	3	8	16	18	18	17	14	4	1	8
21-23 LST	2	1	3	5	10	28	32	33	27	16	5	1	14
ALL HOURS	1	#	2	2	8	16	11	14	16	10	2	1	7

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	#	0	#	#	#	0	#	0	#
03-05 LST	1	#	#	#	0	1	#	#	#	0	#	#	#
06-08 LST	1	1	1	0	#	0	1	0	0	0	1	#	#
09-11 LST	2	0	0	#	0	0	0	#	0	0	0	1	#
12-14 LST	1	1	#	#	0	0	0	#	0	#	#	#	#
15-17 LST	3	1	1	#	0	#	#	0	#	0	2	2	1
18-20 LST	2	2	1	#	#	0	#	0	#	#	3	#	1
21-23 LST	2	1	1	#	0	0	0	0	#	0	1	#	#
ALL HOURS	2	1	1	#	#	#	#	#	#	#	1	#	#

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	2	4	6	5	6	11	9	2	0	3
03-05 LST	1	0	1	3	9	11	5	14	22	15	6	1	7
06-08 LST	5	2	3	11	13	18	14	15	21	17	7	2	11
09-11 LST	0	1	#	3	2	3	#	1	4	#	#	0	1
12-14 LST	0	#	#	2	2	3	1	1	3	1	#	#	1
15-17 LST	1	1	0	2	2	2	2	2	3	1	#	#	1
18-20 LST	0	0	0	3	2	3	3	2	3	1	#	1	2
21-23 LST	#	0	1	2	2	3	2	3	6	4	#	1	2
ALL HOURS	1	1	1	4	5	6	4	6	9	6	2	1	4

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	3	4	4	5	8	5	2	0	3
03-05 LST	0	0	1	2	5	8	4	12	17	12	5	1	6
06-08 LST	3	2	2	7	8	14	12	12	18	13	6	2	8
09-11 LST	0	1	#	2	1	2	#	1	3	#	0	0	1
12-14 LST	0	#	#	#	1	1	1	1	2	1	#	#	1
15-17 LST	#	1	0	1	1	1	1	1	2	1	#	#	1
18-20 LST	0	0	0	1	1	2	2	1	3	1	#	1	1
21-23 LST	#	0	1	1	1	1	1	3	3	3	0	1	1
ALL HOURS	#	1	1	2	3	4	3	5	7	5	2	1	3

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	1	3	3	3	6	3	1	0	2
03-05 LST	0	0	1	2	3	5	3	8	12	9	5	1	4
06-08 LST	2	1	2	3	5	10	9	9	14	10	5	2	6
09-11 LST	0	1	#	1	#	1	#	#	1	#	0	0	#
12-14 LST	0	#	#	#	0	1	0	#	1	#	#	#	#
15-17 LST	#	#	0	#	#	#	#	1	1	#	#	#	#
18-20 LST	0	0	0	1	#	1	1	1	1	#	0	1	1
21-23 LST	0	0	0	#	#	1	1	2	2	2	0	1	1
ALL HOURS	#	#	#	1	1	3	2	3	5	3	1	1	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	1	1	1	1	2	1	#	0	1
03-05 LST	0	0	1	#	1	2	2	3	3	3	2	1	2
06-08 LST	#	0	#	1	1	3	4	3	5	3	3	1	2
09-11 LST	0	1	0	0	#	#	#	0	#	0	0	0	#
12-14 LST	0	#	#	#	0	0	0	0	0	0	0	0	#
15-17 LST	#	#	0	0	0	0	#	#	#	0	#	#	#
18-20 LST	0	0	0	0	0	0	#	0	#	0	0	1	#
21-23 LST	0	0	0	0	0	#	#	1	1	#	0	0	#
ALL HOURS	#	#	#	#	#	1	1	1	1	1	1	#	1

ECR-CLT26a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CATACAMAS, HONDURAS  
 LOCATION: 14°54'N, 085°56'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 787140  
 ELEVATION (FEET): 1450  
 PERIOD: VARIED

ICAO ID: MHCA  
 LST = GMT -6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 2	97	97	99	103	104	96	93	94	94	92	90	90	104
MEAN DLY MAX 2	83	85	89	90	90	87	86	87	87	87	84	83	87
MEAN 2	72	74	77	78	79	78	77	77	78	77	73	73	76
MEAN DLY MIN 2	60	62	64	66	68	69	67	67	68	67	62	62	65
EXTREME MIN 2	39	48	49	54	52	52	53	56	59	54	50	46	39
# DAYS > 90 2	1	5	15	21	20	12	2	5	8	4	1	#	94
# DAYS > 32 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0 1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM 2	3.9	3.5	3.5	3.2	9.8	14.0	19.4	12.0	30.1	34.0	12.4	20.4	133.9
MEAN 2	1.7	.9	.6	1.1	4.4	8.9	9.4	6.1	7.6	6.7	3.1	2.3	52.0
MINIMUM 2	.1	.1	0	0	#	6.1	3.2	2.7	4.7	1.3	1.1	.6	35.0
MAX 24 HR 2	1.2	1.6	1.2	1.3	2.1	2.4	2.3	2.0	10.0	3.5	2.6	3.5	10.0
# DAYS > 0.01 2	10	6	5	6	11	19	20	20	18	17	12	8	152
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 1.5 1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (06 LST) 1	89	83	81	82	84	89	88	89	92	91	88	88	87
RH (14 LST) 1	57	50	44	44	46	59	64	63	61	59	59	59	56
VAPOR PRESS 1	.62	.59	.60	.62	.69	.74	.72	.74	.76	.74	.69	.65	.68
DEWPOINT 1	64	63	63	64	67	70	69	69	70	69	68	66	67
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$E	\$E	E	E	E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E
MEAN SPEED (PVLG DRCTN) 1	7	7	7	7	6	7	7	6	6	5	6	7	7
MEAN SPEED (ALL OBS) 1	3	4	5	5	4	4	4	3	3	3	3	3	4
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1550	1550	1650	1650	1650	1600	1650	1550	1650	1600	1600	1550	1650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	4	4	4	5	6	5	5	5	5	5	5	5
DAYS TSTMS 1	#	#	1	2	5	9	11	12	10	6	2	1	59
DAYS FOG < 7 1	2	1	#	1	1	2	2	3	5	5	3	4	29
DAYS BNBD < 7 1	0	#	0	#	0	0	0	0	0	0	0	#	#
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY 12-18 YEARS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	7	6	12	11	15	13	16	21	22	15	20	14
09-11 LST	12	6	6	12	10	16	14	14	15	15	15	18	13
12-14 LST	9	6	3	9	6	7	8	7	7	7	7	10	7
15-17 LST	7	4	3	12	7	12	8	7	7	7	5	7	7
18-20 LST	5	3	3	13	10	13	9	10	12	9	9	10	9
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	3	3	9	7	6	7	6	12	13	7	11	7
09-11 LST	4	1	1	9	4	3	4	2	5	3	3	6	4
12-14 LST	2	1	1	8	3	2	3	3	1	2	2	1	2
15-17 LST	3	1	1	12	6	5	4	4	3	3	1	2	4
18-20 LST	3	1	2	11	6	4	4	4	4	4	3	3	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	2	3	8	4	5	6	5	10	9	6	9	6
09-11 LST	3	1	1	7	2	3	4	2	2	2	2	4	3
12-14 LST	#	1	1	6	3	2	2	2	1	2	1	1	2
15-17 LST	2	1	1	9	3	4	3	3	3	2	1	1	2
18-20 LST	1	1	1	8	4	3	3	3	4	3	2	3	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	#	#	#	#	#	#	0	1	#	0	#	#
09-11 LST	0	0	0	#	0	#	0	0	0	#	0	#	#
12-14 LST	0	0	0	#	0	#	0	0	0	#	0	0	#
15-17 LST	#	0	0	#	0	#	0	0	#	#	0	0	#
18-20 LST	0	#	0	1	0	0	#	0	#	0	0	#	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT15

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CATACAMA, HONDURAS  
 LOCATION: 14°54'N, 085°56'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 787140  
 ELEVATION (FEET): 1450  
 PERIOD: JAN 73 - DEC 85

ICAO ID: MHCA  
 LST = GMT -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	0	0	0	0	0	#	#	0	0	0	0	#
09-11 LST	0	0	0	0	0	#	#	#	#	#	#	0	#
12-14 LST	0	0	#	#	1	4	7	5	2	2	#	#	2
15-17 LST	0	#	0	2	6	11	13	11	12	5	1	#	5
18-20 LST	0	0	1	2	5	7	4	5	7	4	0	0	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	4	2	2	2	8	8	5	2	3	3	5	6
09-11 LST	5	2	1	1	1	6	7	4	3	2	3	5	6
12-14 LST	2	1	2	1	2	7	10	9	5	6	4	5	7
15-17 LST	4	1	2	4	5	15	18	14	13	12	7	7	9
18-20 LST	5	2	3	6	7	18	13	14	16	12	9	11	10
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	#	0	0	#	#	0	0	#	0	0	0	#
09-11 LST	1	#	#	#	0	0	#	0	#	#	#	0	#
12-14 LST	#	1	#	1	0	0	#	0	0	0	0	#	#
15-17 LST	#	#	1	1	#	#	1	1	#	0	#	0	#
18-20 LST	0	0	0	#	#	#	0	0	#	#	#	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ♢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	2	3	8	3	5	6	5	10	9	5	9	6
09-11 LST	3	1	1	7	2	3	3	2	2	2	1	4	3
12-14 LST	#	1	1	6	3	2	2	2	1	2	1	1	2
15-17 LST	2	1	1	9	3	4	3	3	3	2	1	1	3
18-20 LST	1	1	1	8	4	3	3	3	4	3	2	3	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	1	#	3	1	2	2	#	3	4	2	5	2
09-11 LST	3	#	#	3	1	1	#	#	#	1	#	1	1
12-14 LST	0	#	#	3	#	1	#	1	#	1	#	#	1
15-17 LST	1	#	1	3	1	1	1	1	1	1	#	1	1
18-20 LST	1	#	#	3	1	1	1	#	1	1	2	#	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	#	#	2	#	1	1	#	2	1	#	1	1
09-11 LST	#	0	0	1	0	1	#	0	0	#	#	1	#
12-14 LST	0	0	0	1	0	1	#	#	#	1	#	#	#
15-17 LST	1	0	#	1	#	#	0	1	1	#	0	#	#
18-20 LST	#	#	0	1	#	#	#	0	#	#	1	#	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	#	0	#	0	0	1	#	0	0	#
09-11 LST	0	0	0	0	0	#	0	0	0	#	0	0	#
12-14 LST	0	0	0	0	0	#	0	0	0	0	#	0	#
15-17 LST	#	0	0	0	0	0	0	0	#	#	0	0	#
18-20 LST	0	#	0	0	0	0	#	0	#	0	0	#	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT15a



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ISLAS DEL CISNE, HONDURAS  
(GREAT SWAN ISLAND)  
LOCATION: 17°24'N, 83°56'W  
PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 785010  
ELEVATION (FEET): 40  
PERIOD: VARIED

ICAO ID: MHIC  
LST = GMT: -5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 2	88	87	89	90	92	92	92	93	93	92	88	88	93
MEAN DLY MAX 1	81	81	82	84	84	85	85	86	85	84	83	82	84
MEAN 1	78	78	79	80	82	82	82	82	82	81	80	79	80
MEAN DLY MIN 1	76	75	77	78	80	80	80	80	80	79	78	77	78
EXTREME MIN 2	64	66	67	68	68	70	70	69	70	70	70	64	64
# DAYS > 90 1	0	0	0	#	#	#	1	1	#	#	0	0	2
# DAYS < 32 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 0 1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN 2	3.8	1.2	.6	.9	3.4	7.4	3.8	4.1	6.2	9.7	8.9	5.6	55.7
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR 2	4.4	2.1	2.5	3.0	3.9	5.1	4.9	7.6	4.3	10.8	9.0	4.1	10.8
# DAYS > 0.01 2	13	8	6	5	7	15	12	13	13	17	16	15	141
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 1.5 1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (07 LST) 1	77	75	78	76	78	79	80	80	82	81	79	76	79
RH (13 LST) 1	69	66	67	66	70	71	70	70	72	74	73	69	70
VAPOR PRESS 1	.74	.71	.77	.78	.85	.87	.87	.88	.89	.87	.82	.76	.82
DEWPOINT 1	69	68	70	71	74	74	74	75	75	74	73	70	72
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	E	E	E	E	ESE	E	E	E	E	E	ENE	E	E
MEAN SPEED (PVLG DRCTN) 1	9	10	10	11	13	11	10	10	9	8	9	10	10
MEAN SPEED (ALL OBS) 1	10	10	12	11	12	11	10	9	10	8	10	10	10
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	150	100	150	200	250	200	50	200	450	300	200	100	450
6. MEAN CLOUD COVER (EIGHTHS) / TH NDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	4	3	3	4	5	5	5	5	6	5	5	4	4
DAYS TSMS 1	#	0	0	0	2	3	5	5	5	4	3	1	28
DAYS FOG < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ = % CALM > PVLG DRCTN  
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8203 ( REPORTS 6 HOURLY)  
 2. NATIONAL INTELLIGENCE SURVEY UP TO 25 YR POR  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. ):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	3	5	4	7	2	3	8	8	7	8	6
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	8	8	4	4	6	7	3	7	9	13	14	14	8
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	11	9	8	5	8	5	6	7	12	13	15	7	9
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	9	7	5	7	4	4	5	11	13	9	9	10	8
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. ):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	1	1	2	3	1	1	5	4	1	3	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	2	2	2	3	4	2	4	6	7	5	6	4
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	2	1	2	1	3	3	3	2	4	5	6	3	3
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	3	2	2	2	3	3	3	5	8	5	4	3	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. ):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	0	0	0	0	0	0	1	1	0	1	#
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	1	1	1	0	1	0	1	1	0	0	1
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	1	2	1	0	0	1	0	1	0	1
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	1	1	1	2	1	1	0	2	1	0	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. ):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	1	0	0	0	0	0	0	1	0	#
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT16

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ISLAS DEL CISNE, HONDURAS  
(GREAT SWAN ISLAND)  
LOCATION: 17°24'N, 83°56'W  
PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 785010  
ELEVATION (FEET): 40  
PERIOD: 7301-8203

ICAO ID: MHIC  
LST = GMT: -5

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	0	1	3	2	1	1	0	1
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	1	2	1	1	2	1	0	0	1
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	1	1	1	1	2	1	1	0	1
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	#	0	0	0	1	1	0	1	3	1	1	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	1	1	1	5	1	1	11	12	3	4	4
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	3	0	2	5	7	5	4	8	12	8	5	5
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	2	1	1	5	7	5	4	8	7	9	4	5
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	4	3	3	3	4	6	3	9	9	13	9	5	6
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	1	0	1	0	#
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	1	0	2	0	0	0	#
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	1	0	0	0	0	0	0	0	3	0	0	0	#
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	1	0	0	1	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☐ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8203 (REPORTS 6 HOURLY)  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	0	0	0	0	0	0	1	1	0	1	#
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	1	1	1	0	1	0	1	1	0	0	1
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	1	2	1	0	0	1	0	1	0	1
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	1	1	1	2	1	1	0	2	0	0	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	0	0	0	0	0	0	1	1	0	1	#
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	1	0	1	0	1	0	1	1	0	0	#
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	1	0	1	0	0	1	0	1	0	#
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	1	1	1	0	0	0	0	2	0	0	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	1	1	0	1	#
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	1	0	0	0	0	0	0	0	0	0	#
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	1	0	0	0	0	0	0	1	0	#
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	1	0	0	0	0	#	0	0	1	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	#	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT16a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PALMEROLA, HONDURAS  
 LOCATION: 14°23'N, 87°37'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 697564  
 ELEVATION (FEET): 2070  
 PERIOD: 8309-8603

ICAO ID: MHCG  
 LST = GMT: -6

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)															
EXTREME MAX	1	93	97	100	102	100	97	95	95	95	91	93	91	102	
MEAN DLY MAX	1	83	87	89	94	92	89	88	89	89	86	85	83	87	
MEAN	1	72	75	76	80	80	79	78	77	77	76	74	74	76	
MEAN DLY MIN	1	63	65	66	70	71	70	69	69	69	68	66	66	67	
EXTREME MIN	1	52	55	55	57	63	66	66	64	63	64	54	57	52	
# DAYS > 90	1	4	14	19	27	28	20	15	15	16	6	7	5	176	
# DAYS > 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
# DAYS > 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2. PRECIPITATION (INCHES) VALUES BASED ON POR 8312-8608															
MAXIMUM	1	.47	.34	2.72	.69	5.07	7.03	6.18	6.01	9.37	5.02	.66	.40	9.37	
MEAN	1	*	*	*	*	*	*	*	*	*	*	*	*	*	
MINIMUM	1	.24	.17	.14	.03	2.35	4.23	1.09	3.96	4.12	3.01	.28	.33	.03	
MAX 24 HR	1	.28	.17	2.72	.63	1.74	1.35	2.04	1.40	1.98	1.24	.29	.33	2.72	
# DAYS > 0.01	1	3	3	3	3	11	18	16	16	19	16	7	3	118	
# DAYS > 0.5	1	*	*	*	*	*	*	*	*	*	*	*	*	*	
3. SNOWFALL (INCHES)															
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
# DAYS > 0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
# DAYS > 1.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)															
RH (06 LST)	1	91	83	81	81	85	90	88	91	94	91	92	91	88	
RH (14 LST)	1	60	41	38	38	41	46	52	49	55	55	55	55	49	
VAPOR PRESS	1	.60	.53	.55	.63	.66	.67	.66	.67	.70	.69	.64	.61	.63	
DEWPOINT	1	63	60	60	65	66	66	66	67	68	67	65	64	65	
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)															
PVLG DRCTN	1	N	N	N	N	N	NNW	N	N	N	NNW	N	N	N	
MEAN SPEED															
(PVLG DRCTN)	1	11	10	11	9	9	7	7	6	7	8	9	10	9	
MEAN SPEED															
(ALL OBS)	1	9	7	8	6	6	5	6	5	5	6	7	8	7	
MAX (PK GST)	1	41	33	35	27	35	20	30	24	30	21	28	28	41	
PRESSURE ALT	1	2050	2200	2150	2150	2150	2100	2100	2100	2200	2150	2150	2100	2200	
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)															
CLD COVER	1	4	3	3	4	5	5	5	5	5	4	4	4	4	
DAYS TSTMS	1	0	1	1	3	14	10	10	12	13	7	1	#	72	
DAYS FOG < 7	1	2	1	2	10	16	11	5	11	10	8	3	2	81	
DAYS BNBD < 7	1	0	#	2	3	1	0	0	0	0	0	0	0	6	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR SEP 83 - MAR 86  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	0	1	0	0	6	16	12	7	9	5
03-05 LST	4	3	1	0	0	3	0	12	17	8	5	10	5
06-08 LST	6	4	2	4	1	5	5	18	19	13	7	6	8
09-11 LST	1	3	1	3	1	0	1	9	5	2	1	2	2
12-14 LST	0	2	1	2	2	0	1	12	3	1	0	1	2
15-17 LST	0	1	1	0	4	1	3	17	7	1	1	2	3
18-20 LST	0	0	1	0	3	1	0	19	11	4	1	5	4
21-23 LST	3	2	2	0	1	0	0	9	16	12	4	9	5
ALL HOURS	2	2	1	1	2	1	1	13	12	6	3	6	4

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	2	6	8	0	0	1
03-05 LST	1	0	0	0	0	3	0	8	11	7	0	1	3
06-08 LST	1	1	0	2	0	3	3	11	11	6	3	3	4
09-11 LST	0	0	0	2	1	0	1	1	2	1	0	0	1
12-14 LST	0	0	0	2	2	0	1	1	0	0	0	0	1
15-17 LST	0	0	0	0	4	0	3	1	1	#	0	#	1
18-20 LST	0	0	0	0	2	0	0	0	0	2	0	1	#
21-23 LST	1	1	#	0	0	0	0	0	2	4	0	1	1
ALL HOURS	#	#	#	1	1	1	1	3	4	3	#	1	1

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	1	1	4	0	0	1
03-05 LST	1	0	0	0	0	2	0	5	7	4	0	1	2
06-08 LST	1	1	0	0	0	3	2	10	10	3	2	2	3
09-11 LST	0	0	0	0	0	0	1	1	1	#	0	0	#
12-14 LST	0	0	0	0	0	0	1	1	0	0	0	0	#
15-17 LST	0	0	0	0	1	0	2	1	#	#	0	#	#
18-20 LST	0	0	0	0	1	0	0	0	0	0	0	0	#
21-23 LST	0	1	#	0	0	0	0	0	1	2	0	0	#
ALL HOURS	#	#	#	0	#	1	1	2	3	2	#	#	1

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	1	0	0	0	#
03-05 LST	0	0	0	0	0	1	0	1	0	1	0	0	#
06-08 LST	0	#	0	0	0	1	0	0	1	1	0	2	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	1	0	0	0	0	0	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	#	0	0	0	#	#	#	#	#	0	#	#

ECR-MSK-3

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PALMEROLA, HONDURAS  
 LOCATION: 14°23'N, 87°37'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 697564  
 ELEVATION (FEET): 2070  
 PERIOD: 8309-8603

ICAO ID: MHCG  
 LST = GMT: -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	0	0	2	0	0	0	1	1	0	0	#
03-05 LST	0	0	0	0	1	0	0	0	2	0	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	2	3	2	1	3	0	#	0	1
15-17 LST	0	0	1	1	12	15	10	10	10	1	#	1	5
18-20 LST	0	0	1	2	8	9	14	8	13	4	0	1	5
21-23 LST	0	1	2	3	7	2	0	2	8	5	0	0	3
ALL HOURS	0	#	1	1	4	4	3	3	5	1	#	#	2

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	3	3	6	5	7	3	5	15	16	12	14	8
03-05 LST	5	3	6	5	3	4	1	1	5	4	3	7	4
06-08 LST	4	2	6	3	3	2	2	1	3	1	5	7	3
09-11 LST	#	2	2	0	1	1	1	1	1	3	3	3	2
12-14 LST	1	#	2	0	4	5	6	5	9	2	4	4	4
15-17 LST	2	1	3	2	12	18	15	16	19	7	5	4	9
18-20 LST	7	3	4	3	7	18	14	19	22	14	7	9	11
21-23 LST	12	6	5	5	10	16	16	16	28	22	9	14	13
ALL HOURS	5	3	4	3	6	9	7	8	13	9	6	8	7

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	0	0	0	0	0	0	0	0	0	#
03-05 LST	1	0	1	1	0	0	0	0	0	0	0	0	#
06-08 LST	1	0	1	0	0	0	0	0	0	0	0	0	#
09-11 LST	4	#	5	0	0	0	0	0	0	0	1	0	1
12-14 LST	6	1	10	4	4	0	0	0	1	0	1	1	2
15-17 LST	4	1	7	1	6	0	1	0	0	0	0	#	2
18-20 LST	2	1	4	0	9	0	1	0	0	0	0	0	1
21-23 LST	1	0	2	0	1	0	0	0	0	0	0	0	#
ALL HOURS	2	#	4	#	3	0	#	0	#	0	#	#	1

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☿ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR SEP 83 - MAR 86  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	1	1	3	0	0	#
03-05 LST	1	0	0	0	0	2	0	4	3	3	0	1	1
06-08 LST	1	#	0	0	0	2	2	5	6	3	2	2	2
09-11 LST	0	0	0	0	0	0	0	0	#	#	0	0	#
12-14 LST	0	0	0	0	0	0	1	1	0	0	0	0	#
15-17 LST	0	0	0	0	1	0	2	1	#	#	0	#	#
18-20 LST	0	0	0	0	1	0	0	0	0	0	0	0	#
21-23 LST	0	1	#	0	0	0	0	0	1	1	0	0	#
ALL HOURS	#	#	#	0	#	1	1	2	1	1	#	#	1

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	1	1	1	0	0	#
03-05 LST	0	0	0	0	0	2	0	4	2	3	0	1	1
06-08 LST	1	#	0	0	0	1	0	1	4	3	#	2	1
09-11 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
12-14 LST	0	0	0	0	0	0	0	1	0	0	0	0	#
15-17 LST	0	0	0	0	1	0	1	1	0	#	0	0	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	#	0	0	0	0	0	1	0	0	0	#
ALL HOURS	#	#	#	0	#	#	#	1	1	1	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	1	1	1	0	0	#
03-05 LST	0	0	0	0	0	2	0	1	1	1	0	0	#
06-08 LST	1	#	0	0	0	1	0	1	2	1	0	2	1
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	1	1	0	0	0	0	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	#	#	0	0	0	#	#	1	1	#	0	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	1	#	0	1	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	#	#	0	#	#

ECR-MSK-3a



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAN PEDRO SULA, HONDURAS  
 LOCATION: 15°27N, 087°56'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 787080  
 ELEVATION (FEET): 249  
 PERIOD: VARIED

ICAO ID: MHLN  
 LST = GMT: -6

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	95	102	104	106	106	104	97	99	99	99	93	91	106
MEAN DLY MAX	2	83	87	90	92	93	93	90	92	91	88	85	82	89
MEAN	2	74	76	79	81	82	83	81	82	81	79	77	74	79
MEAN DLY MIN	2	64	64	67	69	71	72	71	71	71	70	68	66	69
EXTREME MIN	2	51	47	52	55	54	61	66	65	65	59	55	51	47
# DAYS > 90	2	5	10	21	27	29	26	26	28	28	16	11	5	231
# DAYS < 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS <= 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	2	7.3	7.5	6.3	14.6	9.8	12.0	14.9	10.1	15.2	17.9	14.9	9.4	75.0
MEAN	2	2.8	2.0	2.0	1.4	3.6	6.3	6.1	4.6	7.5	7.0	5.7	4.7	53.7
MINIMUM	2	.4	.2	0	0	.1	1.4	2.4	.7	1.4	.8	.2	.4	14.0
MAX 24 HR	2	2.2	3.2	2.8	13.1	2.4	3.8	4.1	2.1	5.9	5.4	2.6	2.7	3.1
# DAYS > 0.01	1	11	7	5	4	7	13	17	14	13	14	13	14	133
# DAYS >= 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >= 1.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	97	96	93	91	90	92	93	94	94	95	97	97	94
RH (14 LST)	1	70	66	58	55	57	59	62	61	61	65	67	70	63
VAPOR PRESS	1	.75	.76	.80	.83	.87	.88	.86	.87	.87	.85	.86	.78	.83
DEWPOINT	1	70	70	72	73	74	75	74	74	74	74	72	71	73
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$N	\$N	\$N	\$N	\$N	\$N	\$N	\$N	\$N	\$N	\$N	\$N	\$N
MEAN SPEED (PVLG DRCTN)	1	8	8	9	9	9	8	9	8	8	8	8	7	8
MEAN SPEED (ALL OBS)	1	4	4	5	5	5	4	4	4	4	4	4	3	4
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	250	300	300	300	300	300	250	250	300	300	250	200	300
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	3	4	5	5	5	6	6	5	5	5	5
DAYS TSTMS	1	#	#	1	2	6	11	13	13	12	4	1	1	64
DAYS FOG < 7	1	3	3	2	4	4	2	3	2	1	3	2	2	31
DAYS BNBD < 7	1	0	0	0	0	0	#	#	#	0	#	0	#	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ = % CALM > PVLG DRCTN  
 ¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY, 18-31 YEARS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	10	8	10	9	6	5	8	8	6	8	12	9
03-05 LST	18	19	10	12	14	3	5	5	9	9	10	16	9
06-08 LST	19	12	10	10	15	6	7	5	5	13	17	20	12
09-11 LST	17	19	14	18	12	7	8	6	6	16	18	18	13
12-14 LST	17	16	9	11	11	8	10	9	8	13	18	19	12
15-17 LST	12	11	9	12	11	8	7	5	7	11	9	14	11
18-20 LST	10	9	5	9	10	10	10	6	8	8	9	12	9
21-23 LST	13	10	4	10	7	9	6	8	9	9	8	12	9
ALL HOURS	14	12	9	12	11	7	7	6	8	12	11	15	9

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	6	5	2	1	1	1	2	2	2	2
03-05 LST	4	3	2	7	7	1	1	1	1	3	2	5	3
06-08 LST	7	3	5	12	11	4	2	2	1	6	9	9	6
09-11 LST	6	5	6	12	9	2	1	#	1	5	3	5	5
12-14 LST	3	5	3	9	9	1	1	1	#	3	3	6	4
15-17 LST	4	4	3	7	10	4	1	1	1	3	2	3	4
18-20 LST	4	2	3	6	7	4	2	1	1	1	3	3	3
21-23 LST	5	2	1	7	4	3	1	1	1	1	2	2	3
ALL HOURS	4	3	3	8	9	3	1	1	1	3	3	4	4

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	3	2	2	1	1	1	1	2	2	1
03-05 LST	2	2	1	3	4	1	1	1	1	2	1	3	2
06-08 LST	5	2	3	8	7	3	1	2	1	4	5	7	4
09-11 LST	4	4	4	9	6	2	#	#	#	4	5	4	4
12-14 LST	2	4	2	7	4	1	1	#	#	1	2	4	3
15-17 LST	3	4	2	5	6	3	#	1	1	1	2	2	3
18-20 LST	4	1	1	3	4	3	2	#	1	1	2	2	2
21-23 LST	3	1	1	5	2	1	1	1	1	1	2	2	2
ALL HOURS	3	2	2	5	4	2	1	1	1	2	3	3	2

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	#	0	#	0	0	0	1	#
03-05 LST	#	0	0	0	0	0	0	0	#	0	0	#	#
06-08 LST	0	1	#	1	#	#	0	#	#	0	1	1	#
09-11 LST	#	#	#	1	0	0	0	0	0	#	#	#	#
12-14 LST	0	#	0	0	0	0	#	0	0	#	0	#	#
15-17 LST	0	#	0	0	0	#	0	#	#	0	#	#	#
18-20 LST	0	#	0	0	#	0	#	0	0	0	#	0	#
21-23 LST	1	0	0	#	0	#	0	#	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

ECR-CLT14

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAN PEDRO SULA, HONDURAS  
LOCATION: 15°27'N, 087°56'W  
PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 787080  
ELEVATION (FEET): 249  
PERIOD: JAN 73 - DEC 85

ICAO ID: MHLN  
LST = GMT: -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	1	6	6	3	5	8	3	3	1	3
03-05 LST	0	0	#	2	2	2	2	1	2	1	1	#	1
06-08 LST	0	0	#	1	#	#	#	0	0	0	#	0	#
09-11 LST	0	0	0	#	#	0	0	#	0	#	#	#	#
12-14 LST	#	0	#	#	#	2	2	2	2	1	#	#	1
15-17 LST	0	0	#	#	2	14	10	13	11	3	#	0	4
18-20 LST	#	0	1	0	7	17	20	17	13	4	1	1	7
21-23 LST	1	#	1	2	6	17	11	18	13	5	1	1	6
ALL HOURS	#	#	#	1	3	7	6	7	6	2	1	#	3

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	8	6	5	7	8	7	5	11	8	8	11	8
03-05 LST	9	6	2	3	3	3	1	#	6	5	5	9	4
06-08 LST	9	6	3	3	2	3	1	1	2	6	9	10	5
09-11 LST	7	6	4	4	1	2	1	#	2	7	10	10	5
12-14 LST	6	3	2	2	1	1	3	3	3	8	9	10	4
15-17 LST	5	7	2	2	2	7	12	11	7	10	5	8	6
18-20 LST	8	6	2	2	4	16	17	17	12	11	10	11	10
21-23 LST	11	7	2	4	7	17	15	15	16	11	8	10	10
ALL HOURS	9	6	3	3	3	7	7	7	7	8	8	10	7

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	0	0	0	0	0	0	0	#
03-05 LST	0	0	#	0	0	0	0	#	0	0	0	0	#
06-08 LST	#	#	#	#	0	#	#	#	#	#	0	0	#
09-11 LST	#	0	#	0	0	#	#	#	#	0	#	0	#
12-14 LST	0	#	#	#	#	0	0	#	0	#	0	#	#
15-17 LST	0	0	0	0	0	#	#	#	#	0	#	0	#
18-20 LST	0	0	0	0	1	0	0	0	0	0	0	#	#
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☐ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV 7301-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	3	2	2	1	1	1	1	2	2	1
03-05 LST	2	2	1	3	4	1	1	1	1	2	1	3	2
06-08 LST	5	2	3	8	7	3	1	2	1	4	5	7	4
09-11 LST	4	4	4	9	6	1	#	#	#	4	5	4	3
12-14 LST	2	4	2	7	4	1	1	#	#	1	2	4	2
15-17 LST	3	4	2	4	6	3	#	1	1	1	1	2	2
18-20 LST	4	1	1	3	4	3	2	#	1	1	2	2	2
21-23 LST	3	1	1	4	2	1	#	1	#	1	2	2	2
ALL HOURS	3	2	2	5	4	2	1	1	1	2	3	3	2

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	2	2	#	1	#	#	1	2	1	1
03-05 LST	2	1	2	4	3	2	1	1	1	1	1	2	2
06-08 LST	2	3	2	6	3	1	#	#	1	3	3	5	2
09-11 LST	1	2	2	3	3	#	1	0	#	2	3	3	2
12-14 LST	1	2	1	2	2	2	#	1	#	#	1	3	1
15-17 LST	2	1	0	2	2	#	#	1	1	1	#	1	1
18-20 LST	3	0	0	3	1	#	#	#	#	0	1	#	1
21-23 LST	2	0	#	2	1	#	0	#	#	#	1	1	1
ALL HOURS	2	1	1	3	2	1	#	#	#	1	2	2	1

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	#	#	#	#	0	0	1	1	#
03-05 LST	1	1	0	0	1	0	1	#	1	#	#	#	#
06-08 LST	1	1	1	2	#	1	#	1	#	1	2	3	1
09-11 LST	1	1	1	1	1	0	0	0	#	1	1	2	1
12-14 LST	1	1	#	1	1	0	#	0	#	#	0	1	#
15-17 LST	1	#	0	1	1	1	#	#	#	#	#	#	#
18-20 LST	1	#	0	#	0	0	#	0	0	0	1	0	#
21-23 LST	1	0	0	1	#	#	0	#	#	#	0	1	#
ALL HOURS	1	1	#	1	1	#	#	#	#	#	1	1	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	#	0	0	0	1	#
03-05 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
06-08 LST	0	0	#	#	#	#	0	0	#	0	1	#	#
09-11 LST	#	#	#	#	0	0	0	0	0	0	#	0	#
12-14 LST	0	#	0	0	0	0	#	0	0	#	0	0	#
15-17 LST	0	#	0	0	0	#	0	#	#	0	#	0	#
18-20 LST	0	0	0	0	#	0	#	0	0	0	#	0	#
21-23 LST	#	0	0	#	0	0	0	0	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

ECR-CLT14a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SANTA ROSA DE COPAN, HONDURAS  
 LOCATION: 14°47'N, 088°48'W  
 PREPARED BY USAFETAC/ECR SEP 1986

STATION #: 787170  
 ELEVATION (FEET): 3530  
 PERIOD: VARIED

ICAO ID: MHSR  
 LST = GMT -6

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	89	93	93	94	95	90	90	88	85	84	85	83	95
MEAN DLY MAX	2	70	76	81	84	82	80	78	79	79	75	73	71	78
MEAN	2	62	65	68	72	71	71	70	71	71	68	66	64	69
MEAN DLY MIN	2	54	54	55	59	60	62	62	62	62	60	58	56	59
EXTREME MIN	2	39	38	37	42	40	47	52	54	55	48	44	40	37
# DAYS > 90	2	0	#	2	5	3	#	#	0	0	0	0	0	10
# DAYS > 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	2	4.3	3.2	3.1	5.2	12.3	18.7	15.9	17.3	22.2	19.2	7.0	7.1	90.5
MEAN	2	1.7	.9	1.1	1.8	5.2	12.3	10.1	7.9	12.5	6.8	3.4	2.7	66.2
MINIMUM	2	.3	0	0	0	1.3	5.6	4.9	3.1	5.1	1.8	1.0	1.1	46.5
MAX 24 HR	2	1.1	.8	1.7	2.6	4.8	5.6	3.4	3.4	3.5	3.4	1.8	3.9	5.6
# DAYS >.004	2	12	6	5	5	11	20	22	19	22	19	16	15	171
# DAYS >.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (04 LST)	1	98	97	95	92	95	96	96	98	99	98	97	98	96
RH (14 LST)	1	71	68	54	51	55	66	72	70	59	67	73	71	67
VAPOR PRESS	1	.50	.51	.54	.58	.61	.64	.64	.64	.64	.61	.57	.54	.60
DEWPOINT	1	60	59	61	62	64	65	65	65	65	64	62	60	63
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$N	\$N	\$N	\$N	\$NW	\$N	\$N	\$N	\$N	\$N	\$N	\$N	\$N
MEAN SPEED														
(PVLG DRCTN)	1	6	6	7	6	6	6	6	6	5	6	6	6	6
MEAN SPEED														
(ALL OBS)	1	4	4	5	4	4	3	4	4	3	3	3	4	4
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	3500	3550	3650	3700	3600	3600	3600	3550	3600	3550	3550	3550	3700
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	4	5	5	5	5	5	4	5	5
DAYS TSTMS	1	0	0	1	6	16	17	13	15	15	6	3	1	93
DAYS FOG <7	1	19	16	18	20	20	15	17	18	15	19	16	18	210
DAYS BNBD <7	1	#	0	0	#	0	0	#	0	0	0	0	#	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS  
 APPLICABLE \$ = % CALM > PVLG DRCN  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY 16-29 YEARS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	62	54	56	78	85	56	46	50	54	57	70	68	61
03-05 LST	83	69	78	84	93	71	50	57	83	53	75	79	73
06-08 LST	77	66	59	74	80	59	44	43	51	63	62	69	62
09-11 LST	50	51	35	53	52	21	21	21	25	41	40	51	38
12-14 LST	36	31	22	43	39	8	13	10	20	25	32	39	27
15-17 LST	27	21	16	50	53	17	12	8	18	21	22	25	24
18-20 LST	28	24	21	49	69	26	29	23	35	32	34	36	34
21-23 LST	52	48	47	63	78	49	45	45	56	47	55	51	52
ALL HOURS	52	46	42	55	60	38	32	31	43	42	45	52	46

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	54	42	41	75	81	48	30	37	41	40	57	53	53
03-05 LST	74	61	61	78	92	67	36	44	70	45	68	61	64
06-08 LST	69	59	48	67	79	54	36	31	41	52	49	58	54
09-11 LST	31	19	16	43	44	6	3	1	5	16	15	21	18
12-14 LST	16	10	12	35	34	2	1	1	3	4	10	14	12
15-17 LST	13	12	13	46	51	10	6	4	7	10	12	15	17
18-20 LST	19	19	19	47	65	21	15	14	22	21	22	25	26
21-23 LST	39	33	33	58	75	38	30	30	39	27	39	31	39
ALL HOURS	40	32	30	56	65	30	20	19	29	27	23	35	34

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	42	36	35	68	74	39	18	28	31	32	50	43	41
03-05 LST	65	58	54	73	89	63	29	37	62	41	61	60	58
06-08 LST	60	50	41	60	70	42	25	23	29	42	38	48	44
09-11 LST	26	14	11	32	35	3	2	1	3	11	11	17	14
12-14 LST	13	8	7	25	24	2	1	1	2	3	7	11	9
15-17 LST	17	9	9	34	44	6	4	2	6	7	11	9	13
18-20 LST	15	15	14	37	54	18	10	9	17	16	18	18	17
21-23 LST	32	26	25	49	69	28	19	21	30	19	32	25	31
ALL HOURS	34	27	25	47	57	25	14	15	23	21	29	29	28

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	8	3	13	18	4	1	2	1	6	14	1	7
03-05 LST	32	14	14	28	39	18	2	12	16	16	19	16	19
06-08 LST	29	17	13	17	26	12	6	4	5	11	16	16	14
09-11 LST	9	1	2	5	9	0	#	0	0	1	2	2	3
12-14 LST	3	2	#	4	8	0	0	0	0	1	1	#	2
15-17 LST	6	3	0	5	10	#	1	#	1	#	3	2	3
18-20 LST	6	3	1	5	14	2	#	1	2	3	3	3	4
21-23 LST	11	8	2	6	21	1	1	2	2	4	5	4	6
ALL HOURS	13	7	4	12	18	5	1	3	3	5	8	6	7

ECR-CLT16

# OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: SANTA ROSA DE COPAN, HONDURAS  
 LOCATION: 14°47'N, 088°48'W  
 PREPARED BY USAFETAC/ECR SEP 1986

STATION #: 787170  
 ELEVATION (FEET): 3530  
 PERIOD: JAN 73 - DEC 85

ICAO ID: MHSR  
 LST = GMT -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	4	2	3	2	6	1	0	0	2
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	#	1	0	0	0	#
09-11 LST	0	0	0	1	0	0	#	0	0	0	0	0	#
12-14 LST	0	0	0	0	4	6	3	4	4	1	#	0	2
15-17 LST	0	0	2	7	24	29	18	16	31	8	3	1	12
18-20 LST	0	0	2	5	25	24	23	20	27	6	5	2	12
21-23 LST	0	0	1	2	11	8	8	12	12	1	#	1	5
ALL HOURS	0	0	1	2	9	8	7	7	10	2	1	1	4

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	9	1	2	3	11	16	14	22	17	14	20	12
03-05 LST	12	9	3	0	1	5	4	0	9	6	6	20	6
06-08 LST	17	10	2	3	0	2	2	1	5	9	11	15	6
09-11 LST	19	15	1	3	1	2	1	#	3	9	11	13	6
12-14 LST	9	10	3	2	7	4	2	2	5	6	8	12	6
15-17 LST	12	10	2	5	13	16	11	7	16	10	13	13	11
18-20 LST	12	9	2	4	9	26	20	16	25	17	15	18	14
21-23 LST	16	8	2	4	4	26	23	29	30	14	15	15	16
ALL HOURS	14	10	2	3	5	12	10	9	14	12	12	16	10

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	1	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	1	0	0	0	#	0	0	0	0	0	#
09-11 LST	0	1	#	1	0	#	#	0	#	0	0	0	#
12-14 LST	0	0	2	0	0	0	0	#	0	0	1	0	#
15-17 LST	1	0	1	1	0	0	1	0	#	#	0	0	#
18-20 LST	0	1	#	0	1	0	#	0	0	0	1	0	#
21-23 LST	0	0	#	1	0	0	0	0	0	0	0	0	#
ALL HOURS	#	#	1	#	#	#	#	#	#	#	#	#	#

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☉ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	42	35	35	68	74	39	18	27	31	32	50	43	41
03-05 LST	65	58	54	73	89	63	29	37	62	41	61	60	58
06-08 LST	60	50	41	60	70	42	25	23	29	42	38	48	41
09-11 LST	26	14	11	32	35	3	2	1	3	11	11	17	14
12-14 LST	13	8	7	25	24	2	1	1	2	3	7	10	9
15-17 LST	17	9	9	34	44	6	4	2	6	7	11	9	14
18-20 LST	15	15	14	37	54	18	10	9	17	16	18	18	20
21-23 LST	32	26	25	49	68	28	19	21	30	19	32	25	31
ALL HOURS	34	26	25	47	57	25	14	15	23	21	29	29	29

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	34	26	24	60	72	29	13	17	24	24	42	34	33
03-05 LST	60	48	49	67	85	55	23	31	53	40	51	49	51
06-08 LST	55	44	33	51	62	36	21	19	24	35	34	43	33
09-11 LST	22	11	6	24	31	2	1	1	3	8	8	14	11
12-14 LST	10	6	4	20	21	1	1	#	1	2	5	9	7
15-17 LST	15	7	5	26	35	2	4	2	5	5	7	7	10
18-20 LST	15	14	10	28	39	12	8	6	12	14	3	14	15
21-23 LST	28	24	18	40	61	18	11	15	23	14	26	17	25
ALL HOURS	30	23	19	40	51	19	10	11	18	18	22	23	23

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	25	15	40	58	20	7	10	11	20	42	28	26
03-05 LST	59	43	34	52	72	42	14	25	40	31	41	38	41
06-08 LST	49	30	22	41	52	26	13	12	15	24	27	34	29
09-11 LST	9	7	4	15	21	#	1	#	2	4	5	8	6
12-14 LST	9	3	2	11	14	#	0	0	1	1	3	9	4
15-17 LST	11	4	0	16	26	2	2	1	3	3	5	6	7
18-20 LST	12	11	5	14	30	7	5	4	7	9	9	11	11
21-23 LST	24	19	10	22	47	12	6	8	11	10	18	14	17
ALL HOURS	26	18	12	18	40	14	6	7	12	13	19	19	17

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	0	4	4	0	0	2	1	1	4	1	2
03-05 LST	13	4	4	7	6	3	1	2	8	4	11	3	6
06-08 LST	11	6	4	6	7	4	2	1	4	3	7	7	5
09-11 LST	0	0	#	0	0	0	#	0	0	#	#	0	#
12-14 LST	0	0	0	#	0	0	0	0	0	#	0	0	#
15-17 LST	1	0	0	0	1	#	0	0	#	0	#	#	#
18-20 LST	1	0	0	0	4	#	0	0	#	#	#	#	#
21-23 LST	1	1	0	1	6	0	0	1	0	#	1	#	1
ALL HOURS	3	2	1	2	4	1	#	1	2	1	3	1	2

ECR-CLT16a



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CHINADEGA, NICARAGUA  
 LOCATION: 12°37'N, 087°09'W  
 PREPARED BY USAFETAC/ECR SEP 1986

STATION #: 787390  
 ELEVATION (FEET): 174  
 PERIOD: VARIED

ICAO ID: MNCH  
 LST = GMT -6

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F) NOTE: TEMPERATURE DATA FROM CORINTO NK 8-7 MILES AWAY.														
EXTREME MAX	2	95	94	97	97	96	93	96	94	91	91	92	94	97
MEAN DLY MAX	2	88	91	92	91	91	87	90	89	87	86	88	88	89
MEAN	2	80	82	83	84	84	81	83	82	81	80	81	80	82
MEAN DLY MIN	2	71	72	74	76	76	75	75	74	74	74	73	71	74
EXTREME MIN	2	65	68	70	72	71	70	72	70	70	69	68	64	64
# DAYS > 90	2	13	24	26	20	18	7	18	12	5	2	6	12	163
# DAYS > 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES) NOTE: PRECIPITATION FROM CORINTO NK 8.7 MILES AWAY														
MAXIMUM	2	.3	.2	.2	1.8	19.0	21.5	12.4	16.4	24.4	44.2	5.1	1.6	111.6
MEAN	2	#	.1	#	.5	3.5	12.2	7.2	8.1	14.4	15.8	3.6	.3	65.5
MINIMUM	2	0	0	0	0	.6	5.4	2.1	2.2	5.5	2.8	.4	0	44.8
MAX 24 HR	2	.2	.1	0	1.8	1.9	4.7	2.0	4.8	7.7	8.9	2.7	.8	89
# DAYS >.004	2	#	1	0	1	7	16	13	12	17	17	8	1	92
# DAYS >0.5														
3. SNOWFALL (INCHES)														
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >1.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	80	82	82	81	90	94	92	91	94	94	88	85	88
RH (12 LST)	1	42	40	39	42	57	64	56	58	66	68	61	48	54
VAPOR PRESS	1	.62	.63	.66	.72	.83	.87	.81	.83	.87	.87	.80	.69	.77
DEWPOINT	1	64	65	66	68	73	74	72	73	74	74	72	67	70
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$NE	\$NE	\$SW	\$SW	\$SW	\$SW	\$NE	\$NE	\$N	\$SW	\$N	\$NE	\$SW
MEAN SPEED														
(PVLG DRCTN)	1	7	9	8	7	7	5	7	6	5	5	5	6	6
MEAN SPEED														
(ALL OBS)	1	6	6	6	6	5	3	4	4	3	3	3	4	4
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	400	400	400	400	400	350	350	400	350	350	350	350	400
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	4	4	4	6	6	6	6	6	6	5	4	5
DAYS TSMS	1	#	#	1	#	7	14	10	12	14	10	3	#	71
DAYS FOG <7	1	0	0	#	#	#	#	#	1	1	#	1	#	3
DAYS BNBD <7	1	#	#	#	0	0	0	#	0	0	0	0	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 φ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY 7-12 YEARS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	1	7	18	20	10	4	5	7	11	9	3	8
09-11 LST	4	4	5	14	16	12	3	5	10	10	7	2	8
12-14 LST	12	12	8	17	19	26	13	18	18	24	17	10	16
15-17 LST	8	7	4	13	15	21	16	17	20	22	13	10	14
18-20 LST	7	6	6	10	16	25	18	21	23	21	14	13	15
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	#	1	14	8	2	1	1	2	3	3	2	3
09-11 LST	0	0	1	7	5	0	1	0	1	0	#	0	1
12-14 LST	1	1	#	6	3	1	1	1	2	2	1	0	2
15-17 LST	1	0	1	6	3	4	3	3	3	5	1	1	3
18-20 LST	0	0	0	4	3	7	3	4	1	1	0	0	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	#	1	13	6	2	1	1	2	2	2	2	3
09-11 LST	0	0	0	7	4	0	1	0	#	0	0	0	1
12-14 LST	1	1	#	5	3	1	1	1	2	1	1	0	1
15-17 LST	#	0	1	4	3	3	2	3	3	4	1	#	2
18-20 LST	0	0	0	3	3	7	2	3	1	1	0	0	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	0	#	0	#	0	0	#	0	#	0	1	#
09-11 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
12-14 LST	0	0	0	0	#	1	0	#	#	#	0	0	#
15-17 LST	0	0	0	0	#	1	#	0	#	1	0	0	#
18-20 LST	0	0	0	0	1	1	0	0	0	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT17

# OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: CHINADEGA, NICARAGUA  
 LOCATION: 12°37'N, 087°09'W  
 PREPARED BY USAFETAC/ECR SEP 1986

STATION #: 787390  
 ELEVATION (FEET): 174  
 PERIOD: JAN 73 - DEC 85

ICAO ID: MNCH  
 LST = GMT -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	2	2	1	#	1	1	0	0	1
09-11 LST	0	0	0	#	#	1	#	#	0	#	0	0	#
12-14 LST	#	#	#	0	5	9	2	6	8	5	2	0	3
15-17 LST	0	0	#	#	8	20	17	20	22	12	3	#	9
18-20 LST	1	0	1	0	10	23	21	24	26	23	3	0	11
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	1	7	6	1	1	4	4	2	0	2
09-11 LST	#	#	#	1	5	4	1	1	5	3	3	0	2
12-14 LST	#	#	1	#	6	6	3	3	9	9	4	1	4
15-17 LST	#	1	0	#	5	12	11	13	15	10	4	1	6
18-20 LST	0	0	1	0	6	14	11	17	19	11	3	0	7
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	#	#	#	#	0	0	1	0	#	0	0	#
09-11 LST	1	#	#	1	#	#	#	0	0	#	0	0	#
12-14 LST	#	1	1	1	1	#	#	0	#	#	0	#	#
15-17 LST	0	1	0	#	#	#	1	#	1	#	0	#	#
18-20 LST	0	0	0	1	0	0	0	0	0	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	#	1	13	6	2	1	1	2	2	2	2	3
09-11 LST	0	0	0	7	4	0	1	0	#	0	0	0	1
12-14 LST	1	1	#	5	3	1	1	1	2	1	1	0	1
15-17 LST	#	0	1	4	3	3	2	3	3	4	1	#	2
18-20 LST	0	0	0	3	3	6	2	3	1	1	0	0	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	#	#	10	4	5	1	1	1	1	2	2	2
09-11 LST	0	0	0	4	3	0	1	0	#	0	0	0	1
12-14 LST	1	1	#	3	2	1	1	1	2	1	0	0	1
15-17 LST	#	0	1	2	3	2	1	2	3	3	1	#	2
18-20 LST	0	0	0	2	1	2	2	2	1	1	0	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	#	#	2	1	1	1	#	1	#	#	1	1
09-11 LST	0	0	0	0	#	0	#	0	1	0	0	0	#
12-14 LST	0	0	0	0	#	1	0	#	#	#	0	0	#
15-17 LST	0	0	#	0	1	1	#	1	1	2	0	0	1
18-20 LST	0	0	0	0	1	2	1	1	0	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	0	#	0	0	#	0	0	0	1	#
09-11 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	#	0	#	#	0	0	0	#
15-17 LST	0	0	0	0	#	#	0	0	#	1	0	0	#
18-20 LST	0	0	0	0	1	0	0	0	0	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT17a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MANAGUA, NICARAGUA  
 LOCATION: 12°07'N, 086°11'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 787410  
 ELEVATION (FEET): 150  
 PERIOD: VARIED

ICAO ID: MNMG  
 LST = GMT -6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 2	95	96	100	103	102	96	94	96	98	97	96	94	103
MEAN DLY MAX 2	91	92	94	96	95	90	90	90	91	90	90	90	92
MEAN 2	81	81	83	85	85	82	82	82	82	82	82	82	83
MEAN DLY MIN 2	70	70	72	74	75	74	74	74	73	73	71	71	73
EXTREME MIN 2	62	63	64	68	71	70	71	70	69	69	66	63	62
# DAYS > 90 3	6	12	27	30	29	12	12	18	15	9	4	3	177
# DAYS > 32 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0 1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM 2	.7	1.1	2.0	3.0	19.0	21.0	9.1	11.2	19.3	23.6	4.7	2.5	70.4
MEAN 2	.1	#	#	.4	5.6	8.7	5.3	4.8	8.2	12.0	2.0	.4	47.5
MINIMUM 2	0	0	0	0	0.2	0	1.4	1.4	1.2	.5	0	0	16.0
MAX 24 HR 2	.4	1.0	1.1	2.4	3.1	4.7	3.5	4.1	4.7	8.6	2.9	1.3	8.6
# DAYS > 0.01 2	2	1	1	1	7	17	19	16	18	18	7	2	108
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 1.5 1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (06 LST) 1	87	84	83	82	87	93	91	93	94	95	93	90	89
RH (14 LST) 1	46	42	40	40	50	63	63	63	67	65	60	53	54
VAPOR PRESS 1	.65	.64	.64	.70	.79	.84	.81	.82	.83	.82	.76	.71	.75
DEWPOINT 1	66	65	66	68	71	73	72	73	73	73	71	68	69
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$E	E	E	E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E
MEAN SPEED (PVLG DRCTN) 1	7	7	7	7	6	6	6	6	5	4	5	6	6
MEAN SPEED (ALL OBS) 1	5	5	5	5	3	3	3	3	2	2	2	3	3
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	8	*
PRESSURE ALT 1	350	350	350	350	350	350	300	300	300	350	350	350	350
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	3	3	3	3	5	5	5	5	5	5	4	4	4
DAYS TSTMS 1	#	1	1	2	10	15	10	13	19	17	7	1	92
DAYS FOG < 7 1	0	#	#	#	1	1	1	1	1	1	1	#	8
DAYS BNBD < 7 1	#	#	1	1	1	1	3	1	#	#	#	0	8
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 ⚡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY 4-23 YRS  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA 5 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	1	4	9	10	7	7	11	10	5	1	6
03-05 LST	2	3	2	5	8	11	7	9	11	8	4	1	6
06-08 LST	2	1	3	5	8	9	7	7	10	7	5	3	6
09-11 LST	5	6	10	11	16	17	15	13	15	9	5	9	11
12-14 LST	9	8	11	10	16	21	19	19	22	15	10	10	14
15-17 LST	6	5	4	6	12	18	16	18	18	14	10	4	11
18-20 LST	4	4	3	7	11	15	10	13	9	13	7	4	8
21-23 LST	1	4	1	6	10	11	8	9	12	10	5	2	7
ALL HOURS	4	4	4	7	11	14	11	12	14	11	6	4	9

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	2	2	1	1	0	1	1	#	0	1
03-05 LST	0	#	#	3	2	1	0	#	2	1	#	0	1
06-08 LST	1	#	#	2	3	1	1	1	2	1	1	#	1
09-11 LST	#	#	1	2	1	1	2	1	1	1	#	#	1
12-14 LST	#	#	#	2	3	2	3	2	3	2	1	#	2
15-17 LST	1	#	#	3	4	3	3	3	4	1	2	1	2
18-20 LST	0	0	0	4	3	2	1	1	4	2	1	#	2
21-23 LST	0	#	#	4	4	1	1	#	1	1	#	#	1
ALL HOURS	#	#	#	3	3	2	2	1	2	1	1	#	1

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	1	1	1	#	0	1	1	#	0	#
03-05 LST	0	#	0	3	1	1	0	0	1	1	#	0	1
06-08 LST	1	#	#	1	2	#	1	1	1	1	1	#	1
09-11 LST	#	#	1	1	1	1	1	1	1	1	#	#	1
12-14 LST	#	#	#	1	2	2	2	2	2	1	1	#	1
15-17 LST	#	#	#	2	3	2	2	2	3	1	1	#	1
18-20 LST	0	0	0	3	2	2	1	1	3	1	1	#	1
21-23 LST	0	#	#	2	3	1	1	0	1	1	#	#	1
ALL HOURS	#	#	#	2	2	1	1	1	2	1	1	#	1

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	#	0	0	#	0	0	0	#
03-05 LST	0	0	0	1	0	#	0	0	0	0	0	0	#
06-08 LST	1	0	0	#	1	#	#	0	0	#	#	0	#
09-11 LST	0	0	#	#	#	0	0	#	0	0	0	0	#
12-14 LST	0	0	#	#	1	#	#	1	1	#	#	0	#
15-17 LST	#	0	0	#	#	1	1	1	1	#	#	#	#
18-20 LST	0	0	0	1	#	#	1	#	1	#	#	#	#
21-23 LST	0	#	#	0	#	0	#	0	0	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

ECR-CLT20

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MANAGUA, NICARAGUA  
LOCATION: 12°07'N, 086°11'W  
PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 787410  
ELEVATION (FEET): 150  
PERIOD: JAN 73 - DEC 85

ICAO ID: MNMG  
LST = GMT -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	5	5	1	2	7	5	1	0	2
03-05 LST	0	0	0	1	2	2	1	1	14	1	1	0	2
06-08 LST	0	0	0	#	#	1	#	#	12	1	#	0	1
09-11 LST	0	#	#	#	1	1	#	0	8	#	#	0	1
12-14 LST	0	#	0	1	3	6	2	3	5	4	2	0	2
15-17 LST	0	#	#	1	4	9	8	9	2	9	4	#	4
18-20 LST	#	#	#	1	6	8	4	6	#	10	3	0	3
21-23 LST	0	0	#	1	5	9	3	5	#	9	1	0	3
ALL HOURS	#	#	#	1	3	5	2	4	6	5	2	#	2

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	0	#	8	8	6	5	9	10	3	#	4
03-05 LST	1	#	#	1	4	6	5	4	6	6	3	1	3
06-08 LST	#	#	1	1	3	5	4	4	6	4	2	1	3
09-11 LST	1	1	1	1	4	5	5	4	5	2	2	2	3
12-14 LST	1	1	#	#	5	7	7	10	10	9	4	1	5
15-17 LST	1	1	#	#	5	13	12	15	15	13	5	2	7
18-20 LST	2	1	#	1	7	15	10	12	21	15	4	1	7
21-23 LST	1	#	#	#	10	12	5	6	13	11	5	1	5
ALL HOURS	1	1	#	1	6	10	7	8	11	9	4	1	5

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	#	0	#	0	0	0	0	0	#
03-05 LST	0	0	#	#	#	0	0	0	0	0	0	#	#
06-08 LST	#	0	#	0	#	0	#	0	0	0	0	0	#
09-11 LST	2	1	1	1	#	1	1	#	#	#	#	#	#
12-14 LST	2	1	1	1	#	#	1	1	1	1	#	#	1
15-17 LST	1	1	1	#	1	1	#	1	1	1	#	0	1
18-20 LST	0	0	#	#	#	#	#	0	0	0	0	0	#
21-23 LST	0	0	#	#	0	0	0	0	0	0	0	0	#
ALL HOURS	1	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ♢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	1	1	1	#	0	1	1	#	0	#
03-05 LST	0	#	0	3	1	1	0	0	1	1	#	0	1
06-08 LST	1	#	#	1	2	#	1	1	1	1	1	#	1
09-11 LST	#	#	1	1	1	1	1	1	1	1	#	#	1
12-14 LST	#	#	#	1	2	2	2	2	2	1	1	#	1
15-17 LST	#	#	#	2	3	2	2	2	3	1	1	#	1
18-20 LST	0	0	0	2	2	2	1	1	2	1	1	#	1
21-23 LST	0	#	#	2	3	1	1	0	1	1	#	#	1
ALL HOURS	#	#	#	2	2	1	1	1	2	1	1	#	1

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	1	1	1	#	0	1	1	#	0	#
03-05 LST	0	#	0	1	#	1	0	0	1	#	#	0	#
06-08 LST	1	#	0	1	1	#	#	1	1	1	1	#	1
09-11 LST	#	#	1	1	#	#	1	#	#	1	#	#	#
12-14 LST	#	#	#	1	1	1	2	1	1	1	#	#	1
15-17 LST	#	#	#	1	2	2	1	2	2	1	1	#	1
18-20 LST	0	0	0	1	1	2	1	#	2	1	1	#	1
21-23 LST	0	#	#	2	2	1	1	0	1	#	#	#	1
ALL HOURS	#	#	#	1	1	1	1	#	1	1	#	#	1

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	#	#	0	1	#	#	0	#
03-05 LST	0	#	0	1	0	1	0	0	1	#	0	0	#
06-08 LST	1	#	0	#	1	#	#	#	1	#	1	#	#
09-11 LST	0	#	1	#	1	#	#	#	#	1	#	0	#
12-14 LST	0	0	#	#	1	1	1	1	1	1	#	0	1
15-17 LST	#	0	#	#	1	2	1	2	1	1	1	#	1
18-20 LST	0	0	0	1	1	1	1	#	2	#	#	#	1
21-23 LST	0	#	#	1	1	#	1	0	#	#	#	#	#
ALL HOURS	#	#	#	#	1	1	1	#	1	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	#	#	0	0	#	0	0	0	#
03-05 LST	0	0	0	0	0	#	0	0	0	0	0	0	#
06-08 LST	#	0	0	0	#	#	#	0	0	#	0	0	#
09-11 LST	0	0	#	0	#	0	0	#	0	0	0	0	#
12-14 LST	0	0	0	0	0	#	#	#	#	#	#	0	#
15-17 LST	#	0	0	0	#	#	#	#	#	#	#	0	#
18-20 LST	0	0	0	#	0	#	1	#	#	#	0	#	#
21-23 LST	0	0	0	0	0	0	#	0	0	#	#	0	#
ALL HOURS	#	0	#	#	#	#	#	#	#	#	#	#	#

ECR-CLT20a



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PUERTO CABEZAS, NICARAGUA  
 LOCATION: 14°02'N, 083°24'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 487300  
 ELEVATION (FEET): 49  
 PERIOD: VARIED

ICAO ID: MNPC  
 LST = GMT -6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 2	92	91	93	94	97	93	91	93	94	97	93	89	97
MEAN DLY MAX 2	83	84	86	87	88	86	86	87	88	97	86	84	86
MEAN 2	76	77	79	81	82	80	80	81	81	80	79	78	78
MEAN DLY MIN 2	69	70	72	74	75	74	73	74	74	73	72	71	72
EXTREME MIN 2	59	61	64	64	58	58	58	64	65	67	65	61	58
# DAYS > 90 2	#	#	3	4	5	3	#	2	8	7	1	0	33
# DAYS < 32 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >= 0 1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM 2	15.5	14.5	7.9	6.7	25.8	42.2	29.6	28.2	19.5	25.5	20.9	15.3	145.1
MEAN 1	6.5	3.3	1.5	2.0	10.4	17.0	18.8	14.4	10.9	13.2	13.9	11.0	123.0
MINIMUM 2	2.1	0.1	#	#	1.3	4.0	9.6	4.8	5.2	9.5	5.2	2.7	71.1
MAX 24 HR 2	3.5	9.0	2.3	2.8	6.7	9.8	7.6	7.4	5.5	5.7	6.3	5.8	9.8
# DAYS > 0.01 2	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS >= 1.5 1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (06 LST) 1	89	89	86	84	87	87	87	91	92	95	94	91	89
RH (12 LST) 1	74	73	71	70	73	78	79	78	78	77	77	77	75
VAPOR PRESS 1	.79	.78	.80	.82	.89	.91	.89	.90	.90	.88	.85	.83	.85
DEWPOINT 1	72	71	72	72	75	76	75	75	76	75	74	73	74
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	ENE	E	E	E	E	E	E	ENE	E	E	N	ENE	E
MEAN SPEED (PVLG DRCTN) 1	11	10	10	10	10	11	11	11	9	9	8	10	10
MEAN SPEED (ALL OBS) 1	9	10	10	10	9	10	11	9	8	7	9	9	9
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	200	250	250	250	250	300	200	250	300	250	250	250	300
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	4	4	4	4	5	6	6	5	5	5	5	5	5
DAYS TSMS 1	#	#	#	1	#	8	11	13	11	9	4	1	63
DAYS FOG < 7 1	#	#	#	#	#	#	#	#	#	#	#	#	#
DAYS BNBD < 7 1	#	#	#	#	#	#	#	#	#	#	#	#	#
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ = % CALM > PVLG DRCTN  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY 10-16 YRS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	22	22	15	18	29	31	30	29	18	23	24	30	24
09-11 LST	16	17	13	15	19	24	21	21	16	24	22	24	19
12-14 LST	12	12	8	10	13	23	19	18	13	20	23	17	16
15-17 LST	14	10	8	7	11	23	18	17	14	17	16	17	14
18-20 LST	14	9	10	8	20	30	23	24	16	20	22	16	18
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	7	2	2	6	9	13	9	7	5	12	11	11	8
09-11 LST	4	3	#	2	4	7	7	5	4	6	6	6	5
12-14 LST	3	3	#	2	3	6	7	4	2	5	8	5	4
15-17 LST	3	2	1	2	3	7	6	5	2	6	5	4	4
18-20 LST	2	3	2	2	6	12	7	6	5	8	13	3	6
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	1	1	5	6	9	5	4	3	7	7	8	5
09-11 LST	2	2	#	1	2	5	5	2	2	3	2	4	3
12-14 LST	1	1	#	1	2	4	4	3	2	3	5	3	2
15-17 LST	2	1	#	1	2	4	4	3	2	5	4	3	3
18-20 LST	1	1	1	2	2	5	1	3	2	5	7	3	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	0	0	0	1	0	0	0	#	#	0	#	#
09-11 LST	0	0	0	0	0	0	#	#	1	0	#	#	#
12-14 LST	0	0	0	0	0	#	#	0	0	#	0	0	#
15-17 LST	0	#	#	#	0	0	0	#	#	0	#	0	#
18-20 LST	0	1	0	1	0	0	0	0	1	0	1	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT18

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PUERTO CABEZAS, NICARAGUA  
 LOCATION: 14°02'N, 083°24'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 487300  
 ELEVATION (FEET): 49  
 PERIOD: JAN 73 - DEC 85

ICAO ID: MNPC  
 LST = GMT -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	#	#	4	10	7	11	7	7	2	1	4
09-11 LST	0	0	0	0	2	4	4	8	4	2	1	1	1
12-14 LST	#	0	0	#	3	5	6	8	7	4	2	1	3
15-17 LST	0	0	0	1	2	6	6	8	8	6	3	1	2
18-20 LST	1	1	0	1	2	12	12	3	14	8	3	1	5
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	7	6	4	4	10	16	13	10	11	15	13	12	10
09-11 LST	6	5	2	3	5	15	13	11	8	16	15	14	9
12-14 LST	5	4	3	3	7	13	14	12	9	12	14	9	9
15-17 LST	6	3	2	2	8	15	10	12	9	16	12	8	9
18-20 LST	3	11	3	2	9	14	12	9	11	13	14	8	9
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	#	#	#	#	1	1	#	0	0	#	#	#
09-11 LST	0	#	#	0	0	0	1	0	#	0	#	#	#
12-14 LST	#	1	0	#	#	1	1	1	#	#	1	1	1
15-17 LST	#	0	0	0	0	#	1	0	0	0	1	1	#
18-20 LST	0	0	0	0	0	1	0	0	0	0	1	1	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☐ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	1	1	5	5	9	5	4	2	6	6	8	5
09-11 LST	1	2	#	1	2	4	5	2	2	2	1	4	2
12-14 LST	1	1	#	1	1	4	4	3	2	3	5	3	2
15-17 LST	2	1	#	1	1	3	4	3	2	4	4	2	2
18-20 LST	1	1	1	1	2	3	1	2	2	4	7	3	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	1	#	3	5	6	3	3	2	5	4	7	4
09-11 LST	1	1	#	1	1	3	3	1	2	2	1	3	2
12-14 LST	#	1	#	1	1	3	4	2	1	2	2	2	2
15-17 LST	1	1	#	1	1	2	3	2	2	3	3	2	2
18-20 LST	1	1	1	1	2	2	1	2	1	3	6	3	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	#	0	1	2	4	1	1	1	2	2	4	2
09-11 LST	0	1	0	#	1	1	2	1	1	1	1	1	1
12-14 LST	#	#	#	1	1	2	1	1	1	1	2	1	1
15-17 LST	1	#	#	1	1	1	1	1	1	2	1	1	1
18-20 LST	0	1	0	1	1	1	1	0	0	1	1	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	#	0	0	0	0	0	0	#	#
09-11 LST	0	0	0	0	0	0	#	#	1	0	#	#	#
12-14 LST	0	0	0	0	0	#	#	0	0	0	0	0	#
15-17 LST	0	0	0	#	0	0	0	#	#	0	0	0	#
18-20 LST	0	0	0	1	0	0	0	0	0	0	1	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT18a

# PERATIONAL CLIMATIC DATA SUMMARY

STATION: PONCE, PUERTO RICO  
 LOCATION: 18°01'N, 066°34'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 785201  
 ELEVATION (FEET): 30  
 PERIOD: VARIED

ICAO ID: MPMR  
 LST = GMT -4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	2	90	90	91	93	95	96	95	96	98	95	94	98
MEAN DLY MAX	2	85	85	86	87	88	89	90	91	90	88	87	88
MEAN	2	75	75	76	77	80	81	81	82	81	79	77	79
MEAN DLY MIN	2	66	65	66	68	71	72	72	72	71	70	67	69
EXTREME MIN	2	57	55	58	59	61	58	64	68	61	60	57	55
# DAYS > 90	3	#	#	#	#	1	3	10	9	7	3	2	#
# DAYS ≥ 32	3	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≤ 0	3	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.0	1.2	1.2	1.9	3.6	3.4	2.6	4.3	5.2	5.7	4.2	1.3
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	1.5	.9	1.9	1.8	2.2	3.1	2.4	4.0	4.4	7.7	5.0	2.2
# DAYS > 0.01	2	5	5	6	7	9	7	7	9	10	12	9	5
# DAYS ≥ 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	3	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	3	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	3	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	3	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 1.5	3	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (13 LST)	1	57	56	58	56	64	61	60	60	62	62	61	59
RH (18 LST)	1	68	66	66	69	73	68	68	69	72	74	74	71
VAPOR PRESS	1	.68	.67	.69	.71	.79	.83	.81	.82	.83	.81	.77	.71
DEWPOINT	1	67	67	67	68	72	73	72	73	73	72	71	68
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE
MEAN SPEED													
(PVLG DRCTN)	1	12	12	13	13	12	13	14	14	12	11	11	9
MEAN SPEED													
(ALL OBS)	1	9	10	10	10	10	11	11	10	8	8	8	8
MAX (PK GST)	1	30	30	35	35	30	32	31	35	35	28	30	25
PRESSURE ALT	1	100	100	150	150	100	100	100	50	100	100	300	100
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLOUD COVER	1	3	3	3	4	5	4	4	4	4	4	3	4
MAX TSTMS	1	0	0	0	1	1	1	1	2	2	1	#	11
MAX FOG > 7	1	0	0	0	0	0	0	0	0	0	0	0	0
MAX BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ = % CALM > PVLG DRCTN  
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - JUL 85  
 2. NATIONAL INTELLIGENCE SURVEY 18-39 YEARS  
 3. WORLDWIDE AIRFIELD CIMATIC DATA SUMMARY 9 YEARS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	1	3	2	2	4	3	3	2	4	3	3	2	3
12-14 LST	2	4	2	1	3	2	2	3	3	3	5	2	3
15-17 LST	3	4	3	2	5	2	3	3	4	4	7	2	4
18-20 LST	3	3	3	2	3	2	2	2	3	2	5	3	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	#	#	#	#	1	#	1	#	#	#	#
12-14 LST	0	#	#	#	0	0	#	#	1	1	1	0	#
15-17 LST	0	#	#	#	#	1	#	1	1	1	1	#	#
18-20 LST	0	0	#	#	#	#	#	#	1	#	1	#	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	#	0	#	#	0	1	0	0	0	#
12-14 LST	0	#	0	0	0	0	#	0	1	#	#	0	#
15-17 LST	0	0	#	0	0	1	#	#	#	1	#	#	#
18-20 LST	0	0	#	0	0	#	#	#	#	#	#	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
15-17 LST	0	0	0	0	0	0	0	#	0	#	0	0	#
18-20 LST	0	0	#	0	0	0	#	0	#	0	#	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT23

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PONCE, PUERTO RICO  
 LOCATION: 18°01'N, 066°34'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 785201  
 ELEVATION (FEET): 30  
 PERIOD: 7301-8507

ICAO ID: MJPS  
 LST = GMT -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	#	#	0	#	#	#	0	#	#
12-14 LST	0	0	0	#	#	#	1	1	1	#	#	0	#
15-17 LST	0	0	0	#	#	1	1	2	2	2	1	#	1
18-20 LST	0	0	0	0	0	#	#	#	1	1	#	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	#	1	#	#	2	1	1	1	3	3	2	1	1
12-14 LST	#	#	1	1	1	1	2	1	2	1	3	1	1
15-17 LST	#	1	2	1	3	2	2	3	3	4	4	1	2
18-20 LST	1	1	2	1	1	1	1	2	3	5	3	2	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	#	0	0	0	1	0	#	0	0	#	#
12-14 LST	0	#	0	#	0	#	#	#	#	#	#	0	#
15-17 LST	#	#	1	1	1	1	1	1	0	0	#	#	1
18-20 LST	1	2	2	2	2	3	2	2	#	#	#	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - JUL 85  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	#	0	#	#	0	1	0	0	0	#
12-14 LST	0	#	0	0	0	0	#	0	#	#	#	0	#
15-17 LST	0	0	#	0	0	#	#	#	#	1	#	#	#
18-20 LST	0	0	#	0	0	#	#	#	#	#	#	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	#	0	#	#	0	#	0	0	0	#
12-14 LST	0	#	0	0	0	0	0	0	#	#	0	0	#
15-17 LST	0	0	0	0	0	#	#	#	#	#	#	#	#
18-20 LST	0	0	#	0	0	#	#	#	#	#	#	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	#	#	0	0	#
15-17 LST	0	0	0	0	0	#	#	#	0	#	#	#	#
18-20 LST	0	0	#	0	0	0	#	#	#	0	#	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	#	0	#	0	0	#
18-20 LST	0	0	#	0	0	0	0	0	#	0	#	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT23a



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BARQUISIMETO, VENEZUELA  
 LOCATION: 10°03'N, 069°22'W  
 PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 804100  
 ELEVATION (FEET): 2060  
 PERIOD: VARIED

ICAO ID: MVBN  
 LST = GMT -4

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	91	95	96	97	92	90	89	91	93	95	92	91	97
MEAN DLY MAX	2	86	87	88	87	85	84	83	85	87	87	86	86	86
MEAN	2	74	75	76	76	76	75	74	75	76	77	76	75	75
MEAN DLY MIN	2	66	66	67	69	69	68	68	68	68	69	68	67	68
EXTREME MIN	2	55	59	57	62	59	59	60	62	61	59	59	58	55
# DAYS > 90	3	9	12	19	9	5	5	9	14	9	5	9	5	110
# DAYS ≥ 32	3	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≤ 0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.4	.3	.5	1.4	2.5	3.2	2.9	2.1	1.5	1.9	2.2	1.2	20.0
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	.6	1.3	1.0	3.7	3.1	1.4	1.2	2.6	1.4	1.8	2.0	1.5	3.7
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	3	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	3	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	3	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 1.5	3	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH ( LST)	1	89	88	87	89	91	93	93	94	93	93	92	91	91
RH ( LST)	1	47	46	43	55	59	59	56	56	53	54	52	52	53
VAPOR PRESS	1	.58	.59	.59	.67	.71	.70	.68	.68	.68	.69	.67	.62	.66
DEWPOINT	1	62	63	63	66	68	68	67	67	67	67	67	64	66
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	E	E	ENE	E	E	E	E	E	E	E	E	E	E
MEAN SPEED (PVLG DRCTN)	1	9	9	9	9	9	9	10	10	11	10	10	11	10
MEAN SPEED (ALL OBS)	1	7	8	8	8	9	9	10	10	10	9	9	8	9
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	2200	2200	2250	2250	2200	2150	2200	2200	2200	2200	2250	2250	2250
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	5	6	6	6	6	6	6	5	5	5	5
DAYS TSTMS	1	1	1	1	2	3	3	3	3	3	3	2	1	28
DAYS BNBD < 77	1	0	0	0	0	0	0	0	0	0	0	0	0	31
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 ¢ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85  
 2. NATIONAL INTELLIGENCE SURVEY 6-31 YEARS  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY 10 YEARS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	35	37	35	52	59	63	57	52	41	40	35	37	45
09-11 LST	19	26	27	46	43	42	36	31	32	23	20	23	31
12-14 LST	17	21	19	34	35	36	34	35	30	29	17	17	27
15-17 LST	15	16	13	27	23	23	20	25	18	18	11	12	18
18-20 LST	13	8	10	21	19	25	21	21	14	17	13	17	17
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	20	23	21	35	45	52	48	46	37	31	25	22	19
09-11 LST	7	11	11	27	22	17	14	14	14	10	8	8	14
12-14 LST	3	5	4	10	9	8	5	7	6	5	2	3	6
15-17 LST	1	1	1	7	3	5	5	6	7	3	2	0	3
18-20 LST	1	1	3	8	8	12	12	11	7	7	4	6	7
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	7	3	6	13	21	30	27	26	22	14	12	7	16
09-11 LST	2	2	2	9	8	4	7	5	5	3	2	3	4
12-14 LST	#	1	2	3	1	2	1	1	2	1	#	1	1
15-17 LST	#	0	#	3	#	1	2	1	2	#	1	0	1
18-20 LST	1	#	#	2	3	6	6	4	2	2	1	3	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	1	1	3	5	6	7	8	7	5	4	2	4
09-11 LST	1	#	1	3	2	#	1	1	1	#	0	#	1
12-14 LST	0	0	#	#	0	#	#	1	#	0	0	#	#
15-17 LST	0	0	0	1	0	#	1	#	1	0	0	0	#
18-20 LST	0	0	0	#	1	1	2	1	#	#	0	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT21

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BARQUISIMETO, VENEZUELA  
LOCATION: 10°03'N, 069°22'W  
PREPARED BY: USAFETAC/ECR, SEP 1986

STATION #: 804100  
ELEVATION (FEET): 2060  
PERIOD: JAN 73 - DEC 85

ICAO ID: MVBN  
LST = GMT -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	1	1	#	#	#	#	1	#	0	#
09-11 LST	0	#	#	#	1	#	0	0	1	1	0	0	#
12-14 LST	#	0	#	#	1	1	1	1	1	#	1	0	1
15-17 LST	0	1	#	1	1	2	3	1	2	4	2	0	2
18-20 LST	0	1	#	1	2	1	2	3	1	2	1	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	1	1	7	11	8	4	3	2	2	3	4	4
09-11 LST	1	1	2	6	10	8	5	4	5	4	1	2	4
12-14 LST	#	1	1	3	4	6	4	4	3	2	2	1	3
15-17 LST	1	1	1	3	3	4	6	3	4	3	2	1	3
18-20 LST	0	#	#	4	2	5	3	4	1	3	2	2	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	#	1	#	#	#	1	#	1	0	1	#	#
09-11 LST	0	#	#	#	#	1	#	#	1	4	2	2	1
12-14 LST	1	1	1	#	#	1	#	#	#	4	3	2	1
15-17 LST	#	#	#	#	#	1	#	#	1	1	2	1	1
18-20 LST	1	1	#	1	0	#	#	#	0	0	#	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☐ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301 - 8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	7	3	6	13	20	27	25	24	22	13	12	6	15
09-11 LST	2	2	2	9	8	3	6	5	5	3	2	2	4
12-14 LST	#	1	2	3	1	2	1	1	2	1	#	1	1
15-17 LST	#	0	#	3	#	1	2	1	2	#	1	0	1
18-20 LST	1	#	#	2	3	5	5	4	2	1	#	3	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	2	2	9	14	20	18	16	15	9	9	4	10
09-11 LST	2	1	1	6	7	2	4	3	3	2	1	2	3
12-14 LST	#	#	1	3	#	1	1	1	1	#	0	1	1
15-17 LST	0	0	1	3	#	1	2	1	1	0	#	0	1
18-20 LST	1	0	#	2	2	3	3	3	1	1	0	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	1	1	7	10	12	13	13	11	8	7	3	7
09-11 LST	2	#	1	6	3	1	3	3	2	1	1	1	2
12-14 LST	0	#	#	1	#	#	#	1	1	1	0	#	#
15-17 LST	0	0	#	1	0	1	1	1	1	0	0	0	#
18-20 LST	1	0	#	#	1	1	3	2	1	#	0	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	1	#	1	3	3	4	6	4	3	3	1	3
09-11 LST	#	0	1	1	1	0	#	#	1	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	#	0	0	1	0	0	0	0	0	#
18-20 LST	0	0	0	#	#	#	1	#	0	0	0	1	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT21a



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